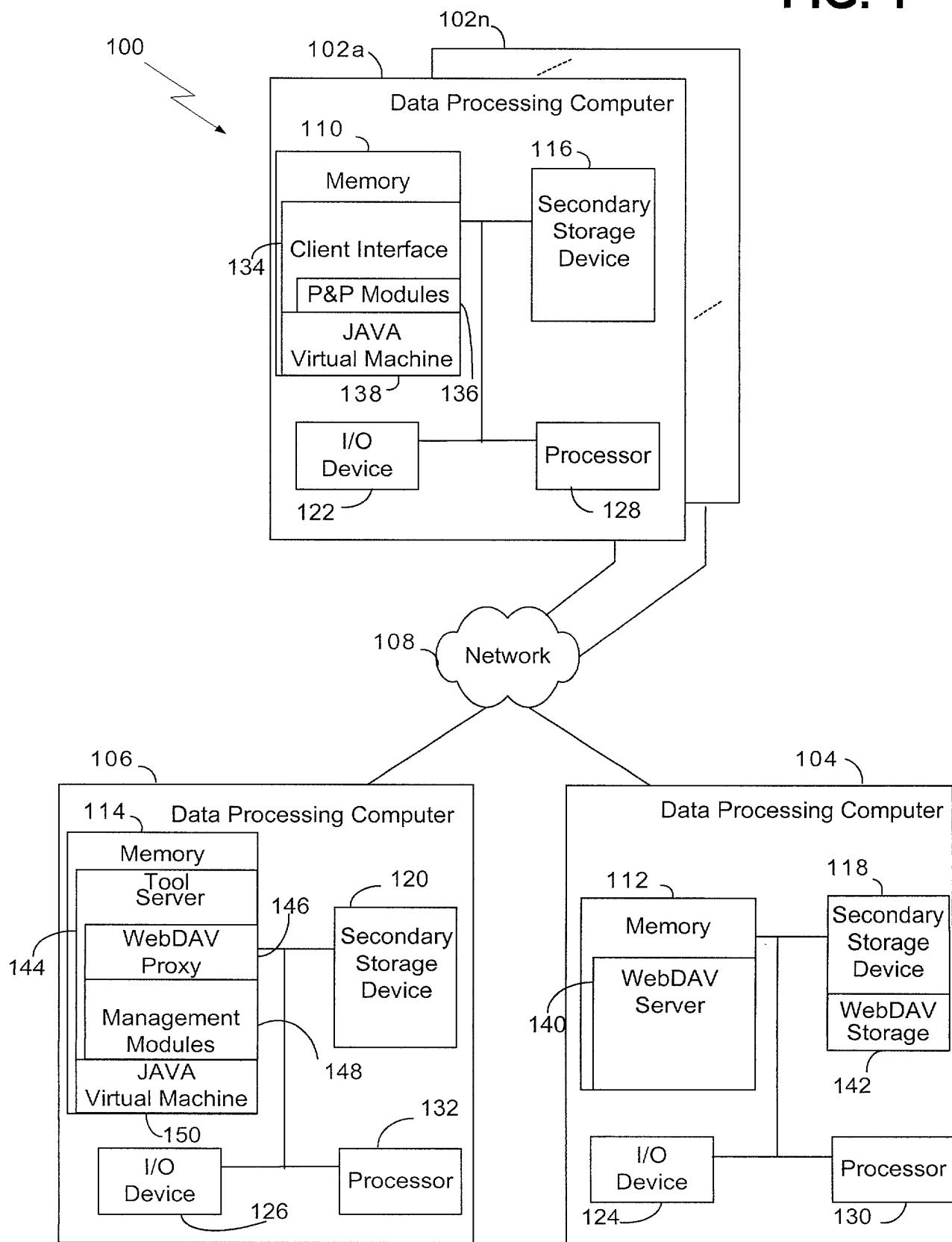
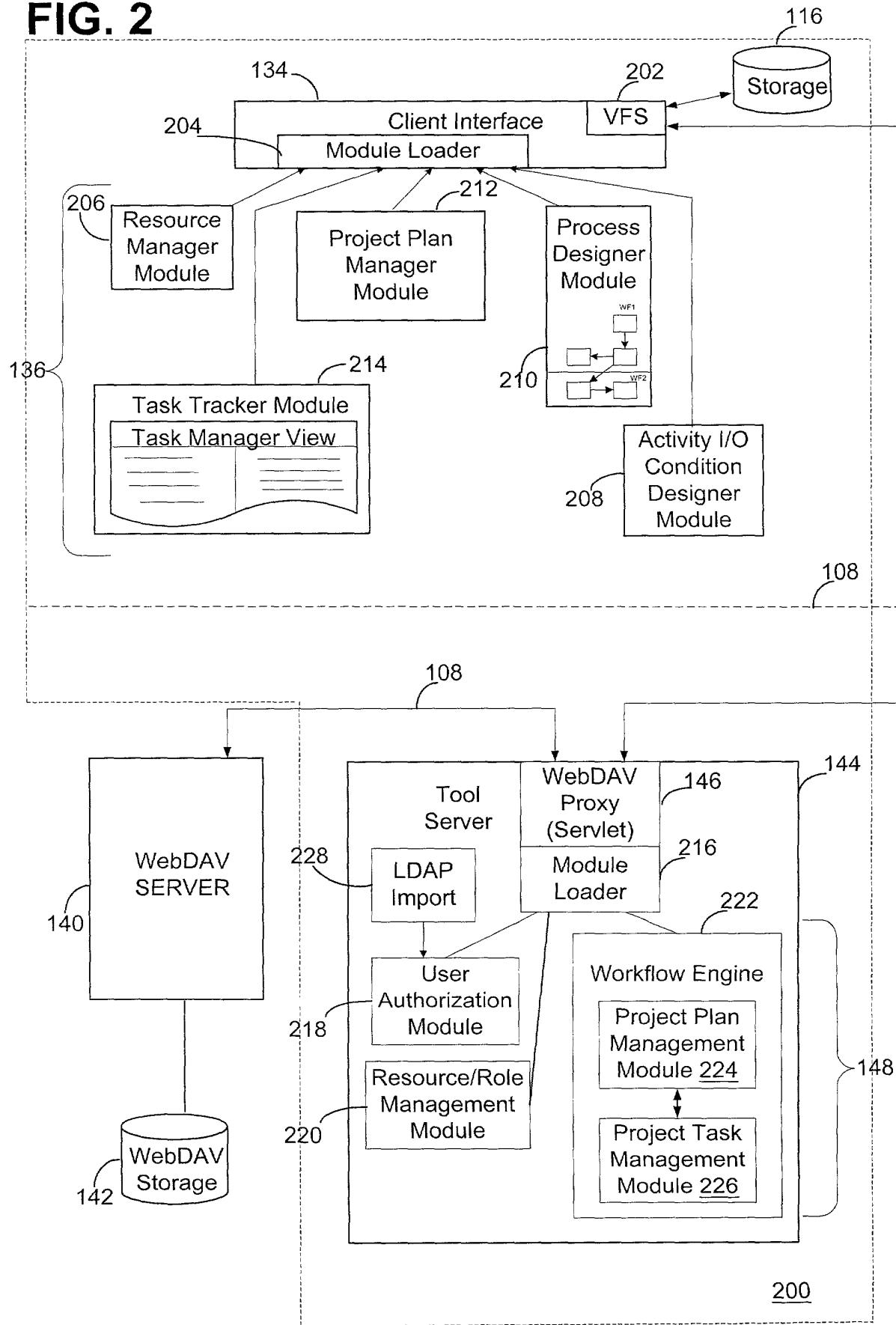


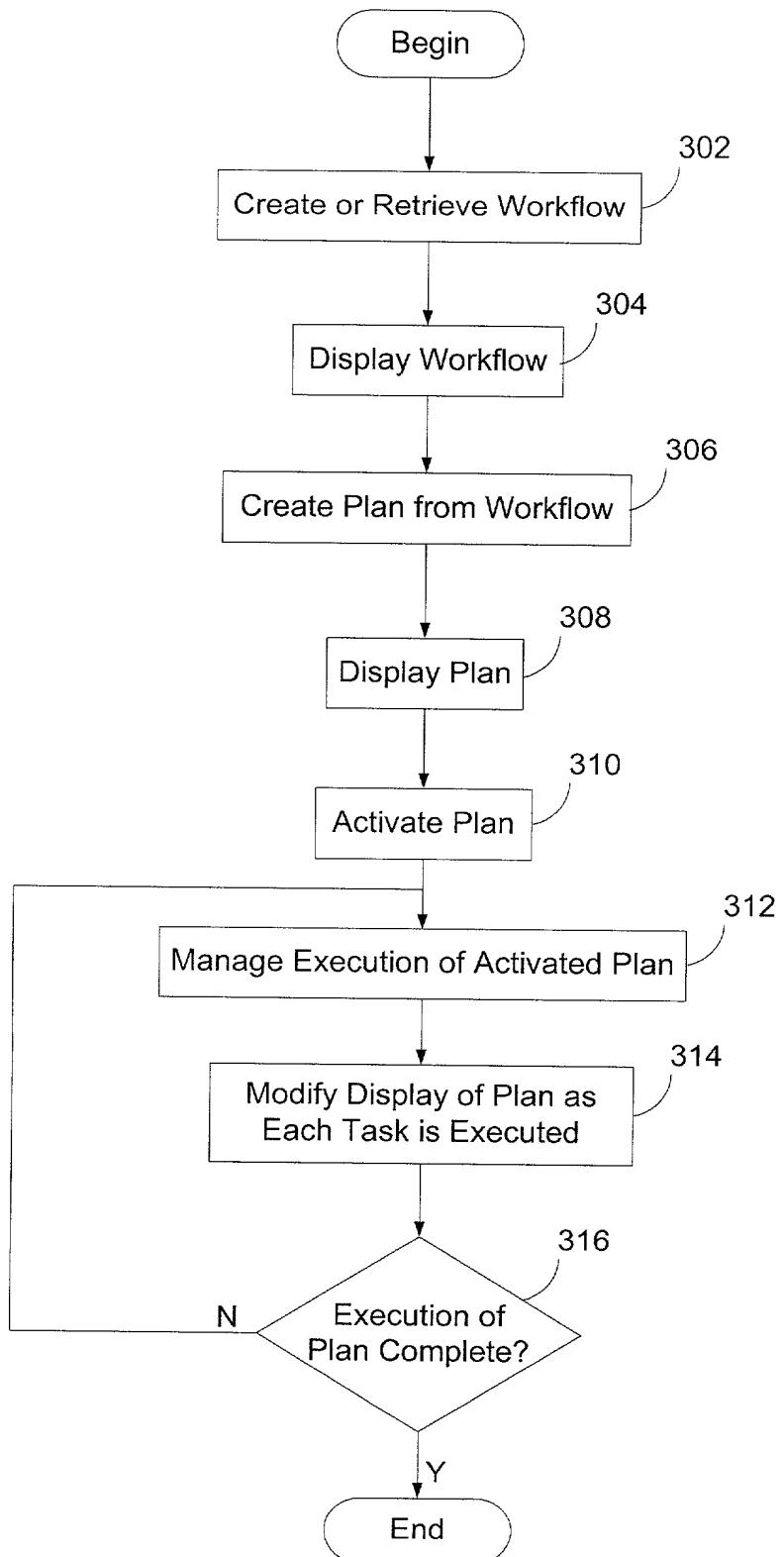
**FIG. 1**



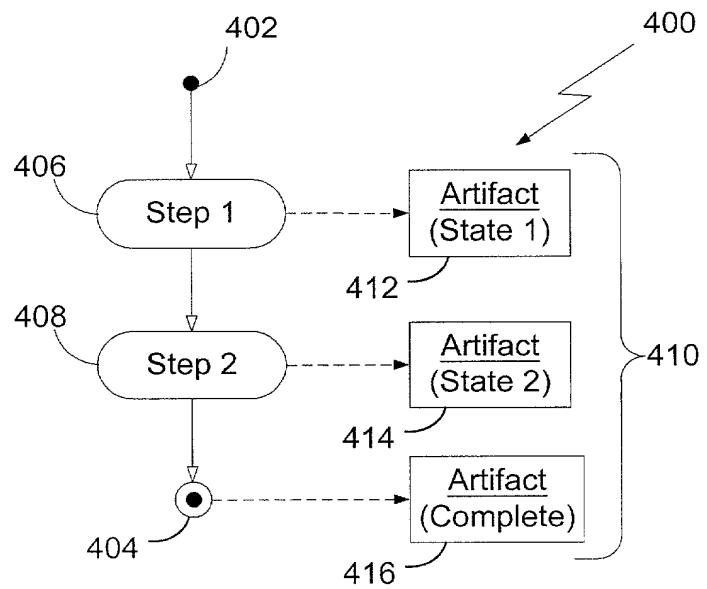
**FIG. 2**



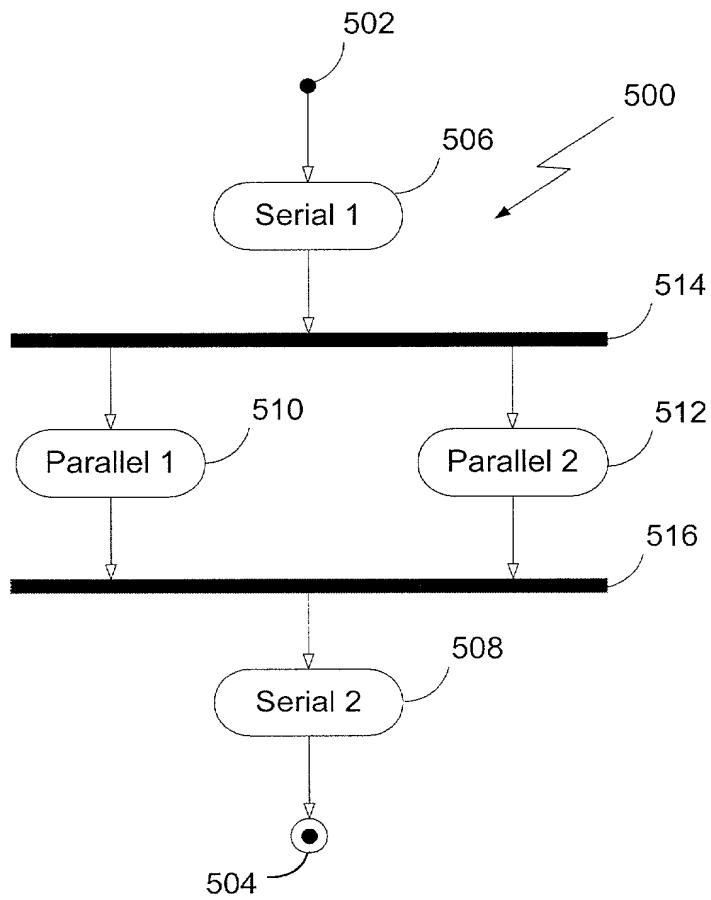
**FIG. 3**



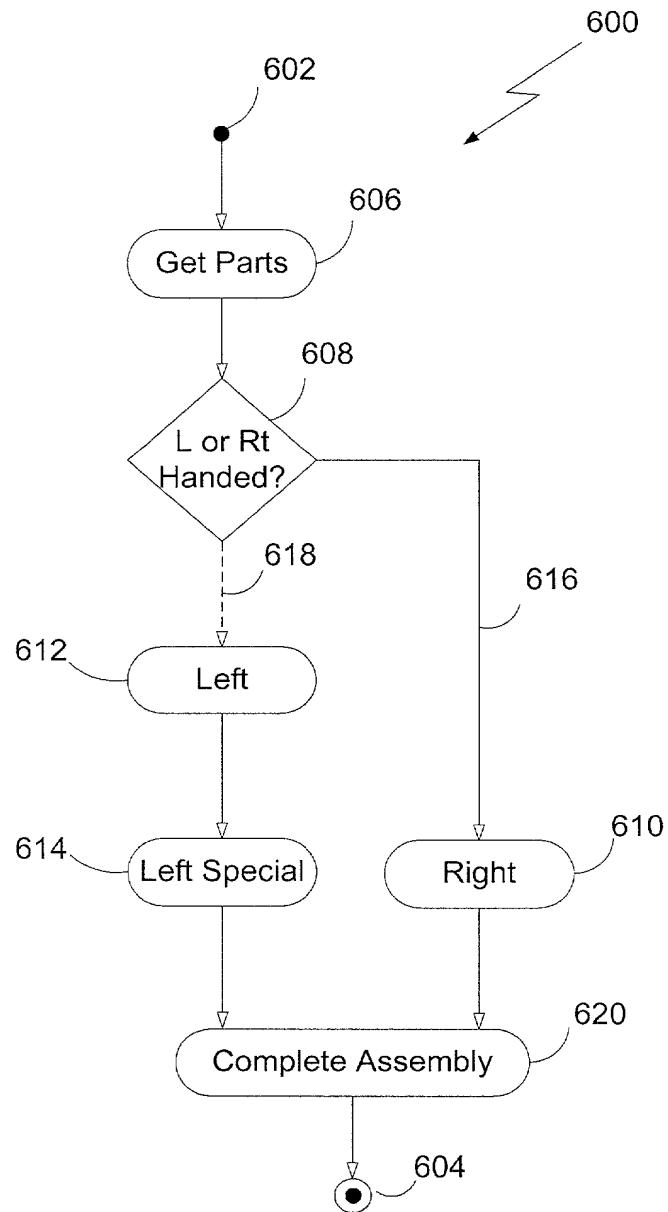
**FIG. 4**



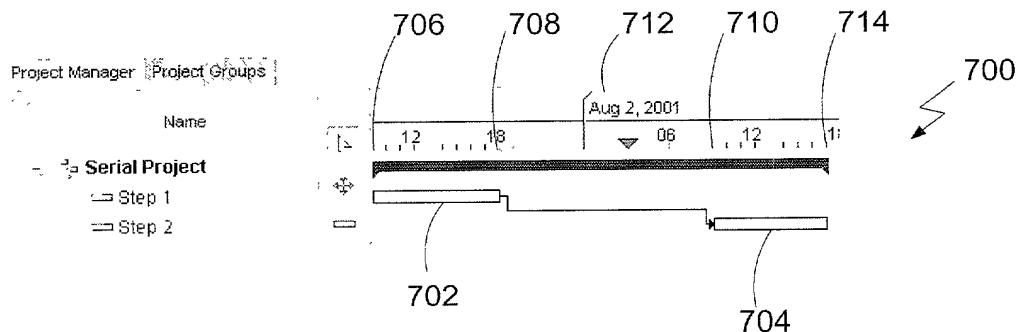
**FIG. 5**



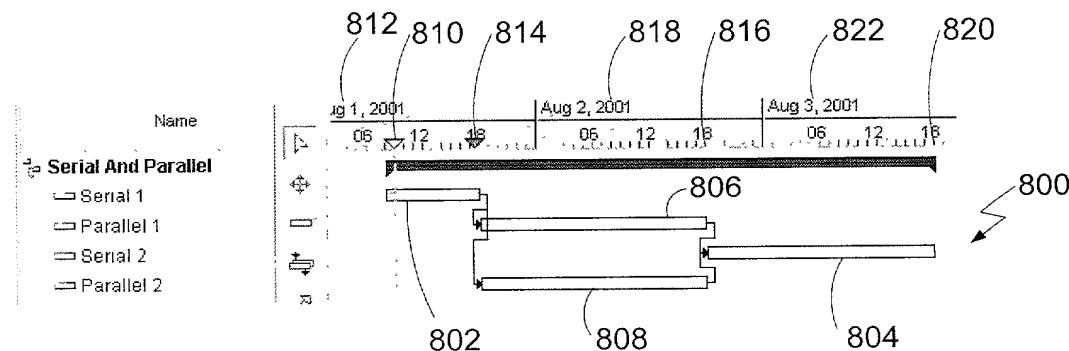
**FIG. 6**



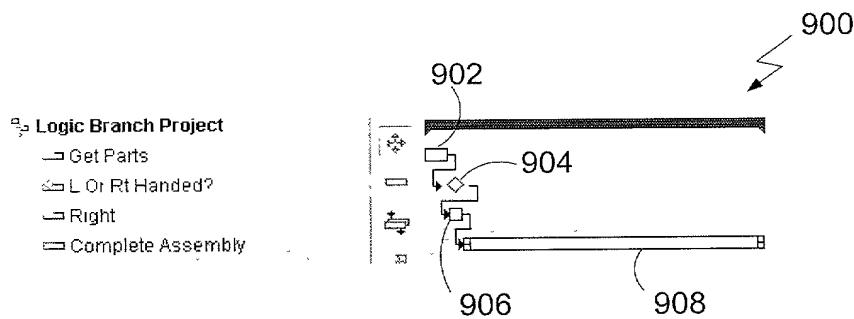
## FIG. 7



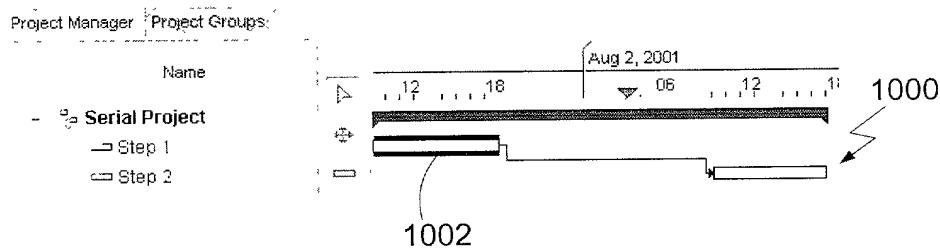
## FIG. 8



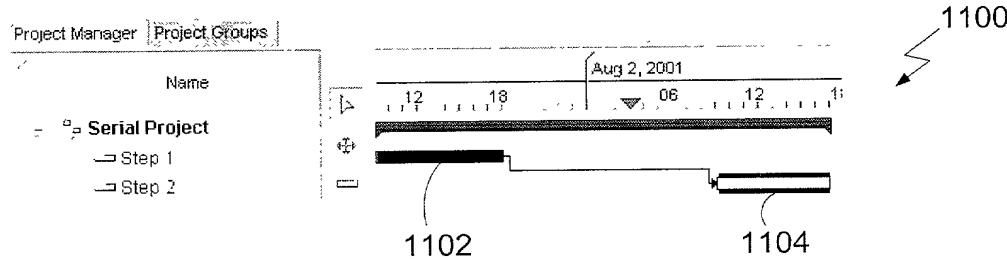
## FIG. 9



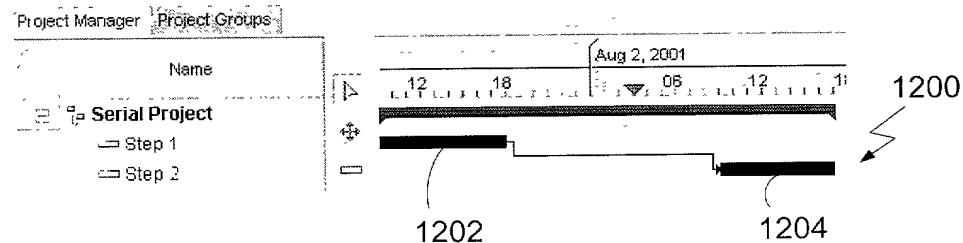
## FIG. 10



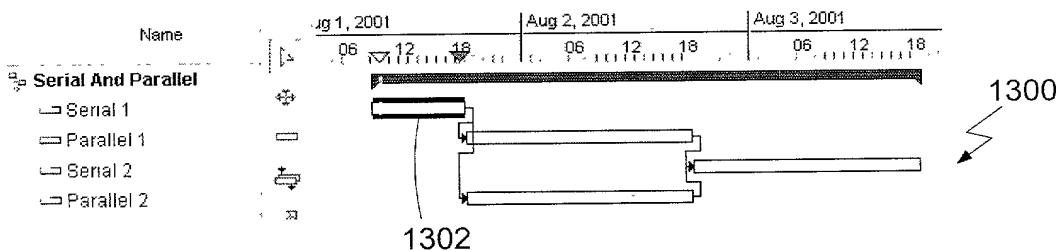
## FIG. 11



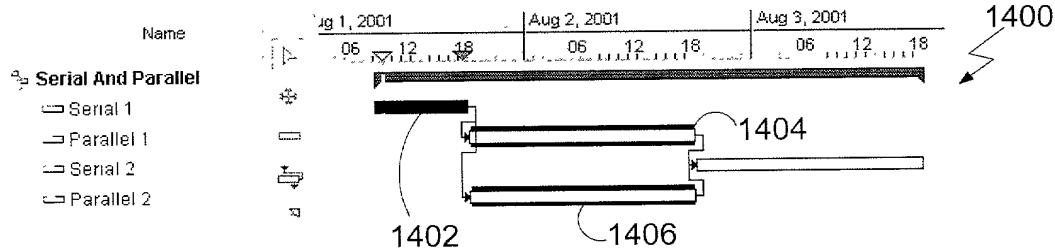
## FIG. 12



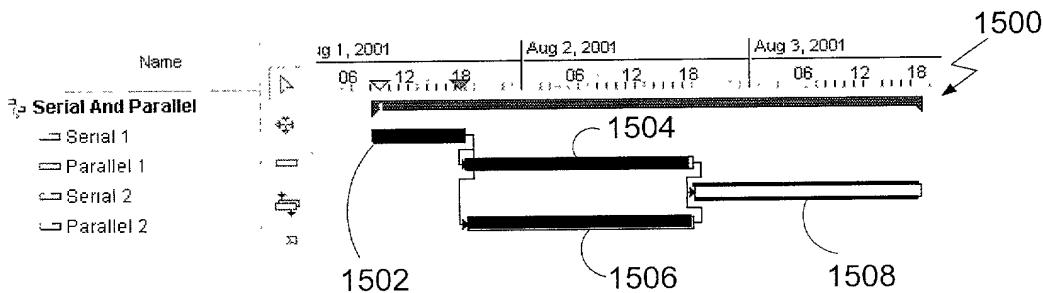
## FIG. 13



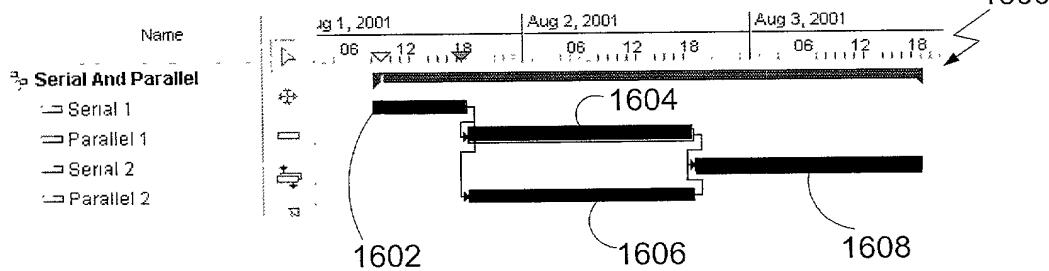
## FIG. 14



## FIG. 15

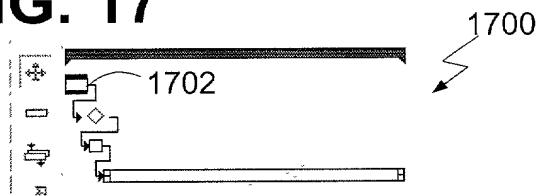


## FIG. 16



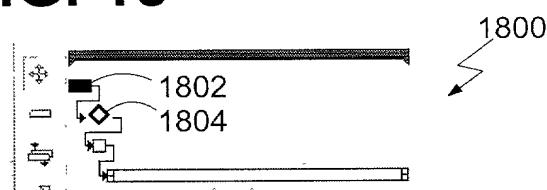
## FIG. 17

Logic Branch Project  
— Get Parts  
↳ L Or Rt Handed?  
— Right  
— Complete Assembly



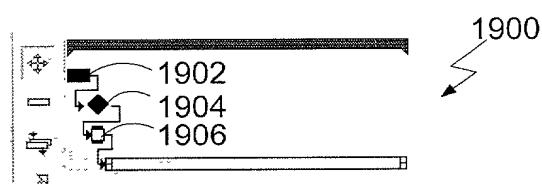
## FIG. 18

Logic Branch Project  
— Get Parts  
↳ L Or Rt Handed?  
— Right  
— Complete Assembly



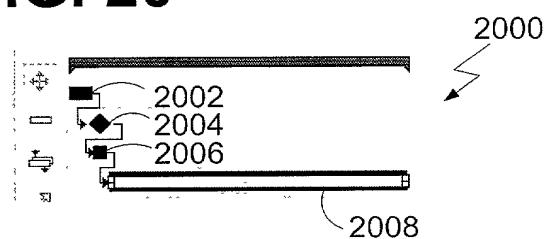
## FIG. 19

Logic Branch Project  
— Get Parts  
↳ L Or Rt Handed?  
— Right  
— Complete Assembly



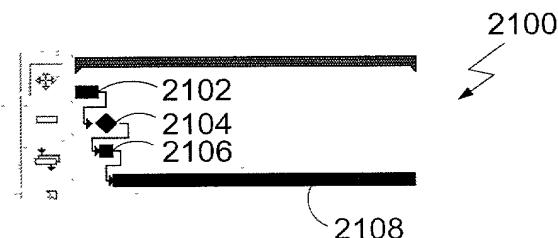
## FIG. 20

Logic Branch Project  
— Get Parts  
↳ L Or Rt Handed?  
— Right  
— Complete Assembly



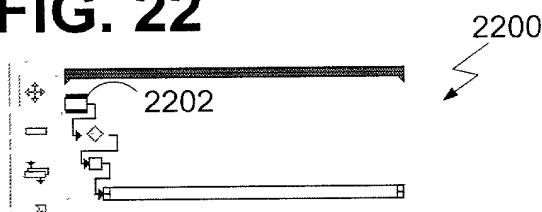
## FIG. 21

Logic Branch Project  
— Get Parts  
↳ L Or Rt Handed?  
— Right  
— Complete Assembly



## FIG. 22

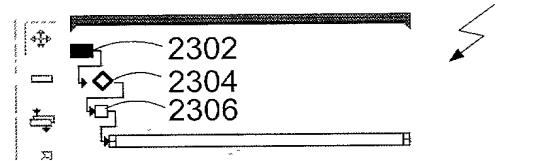
Logic Branch Project  
Get Parts  
L Or Rt Handed?  
Right  
Complete Assembly



2200

## FIG. 23

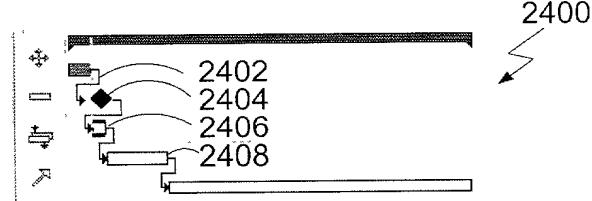
Logic Branch Project  
Get Parts  
L Or Rt Handed?  
Right  
Complete Assembly



2300

## FIG. 24

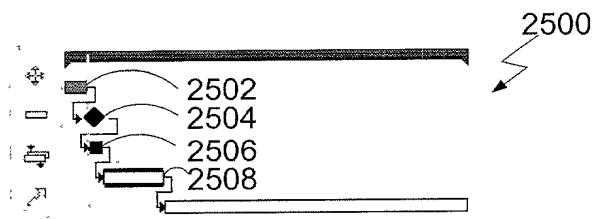
Logic Branch  
Get Parts  
L Or Rt Handed?  
Left  
Left Special  
Complete Assembly



2400

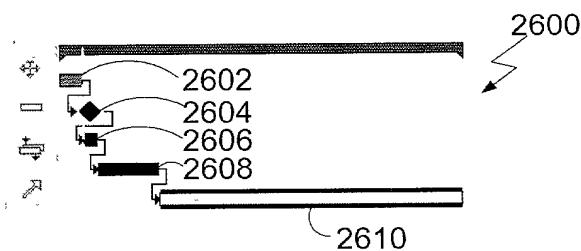
## FIG. 25

Logic Branch  
Get Parts  
L Or Rt Handed?  
Left  
Left Special  
Complete Assembly



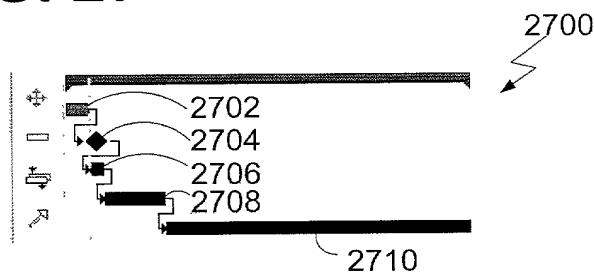
## FIG. 26

Logic Branch  
Get Parts  
L Or Rt Handed?  
Left  
Left Special  
Complete Assembly

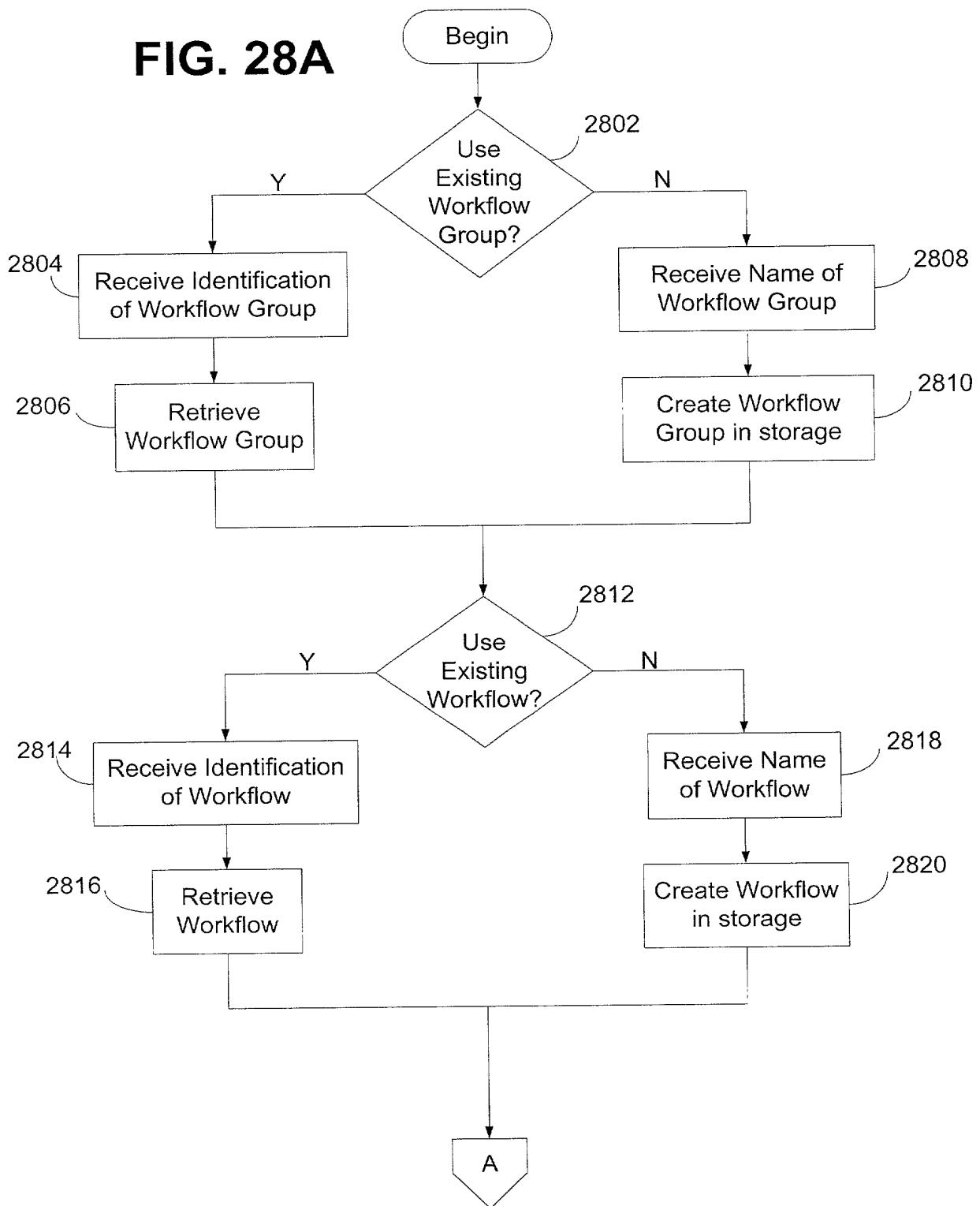


## FIG. 27

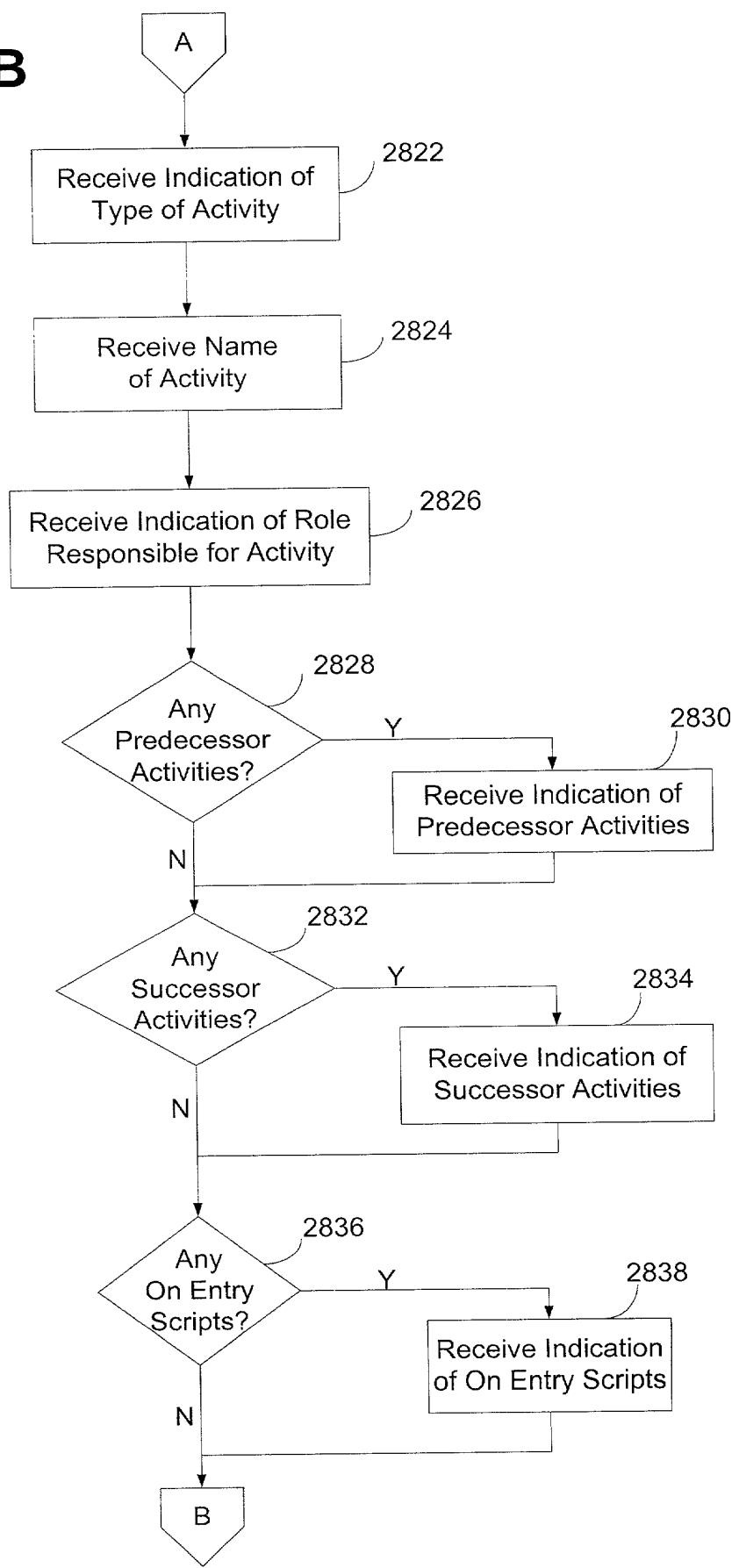
Logic Branch  
Get Parts  
L Or Rt Handed?  
Left  
Left Special  
Complete Assembly



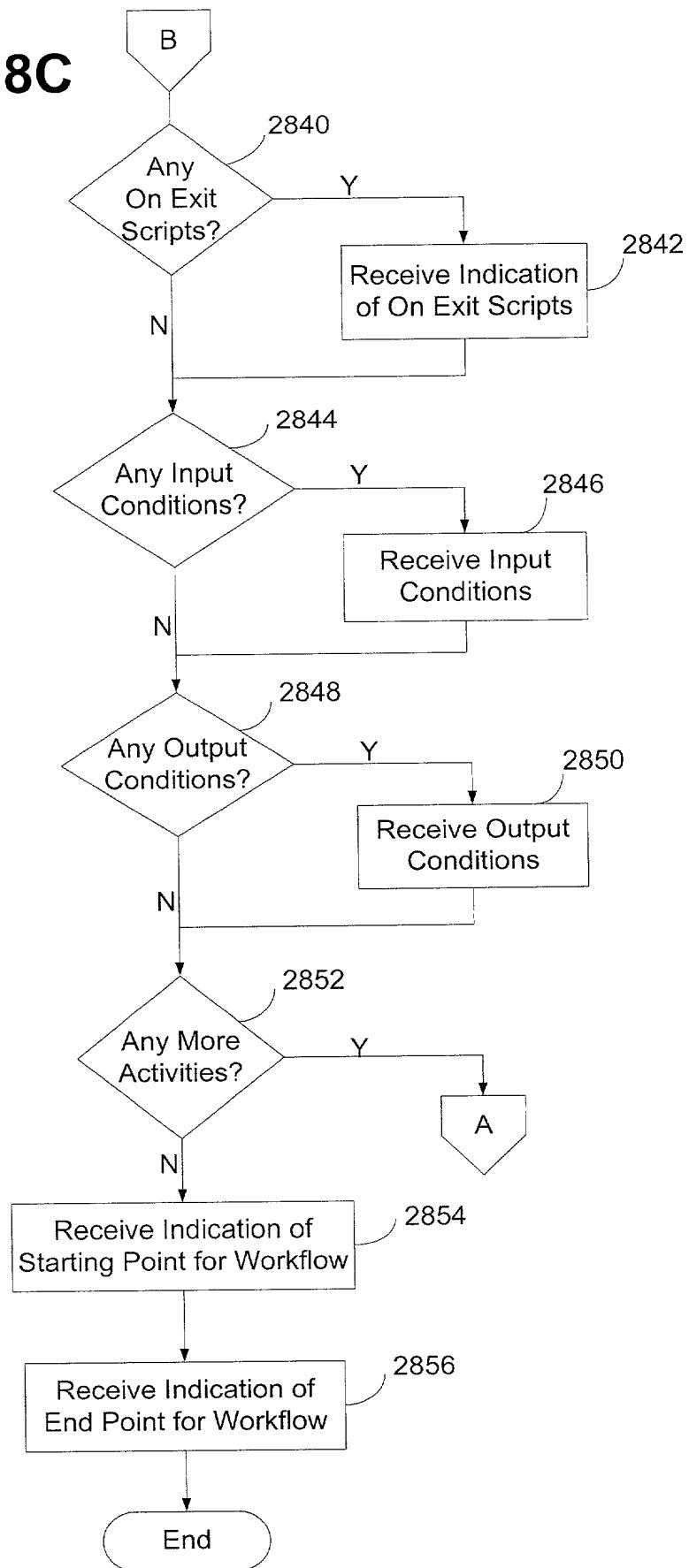
**FIG. 28A**



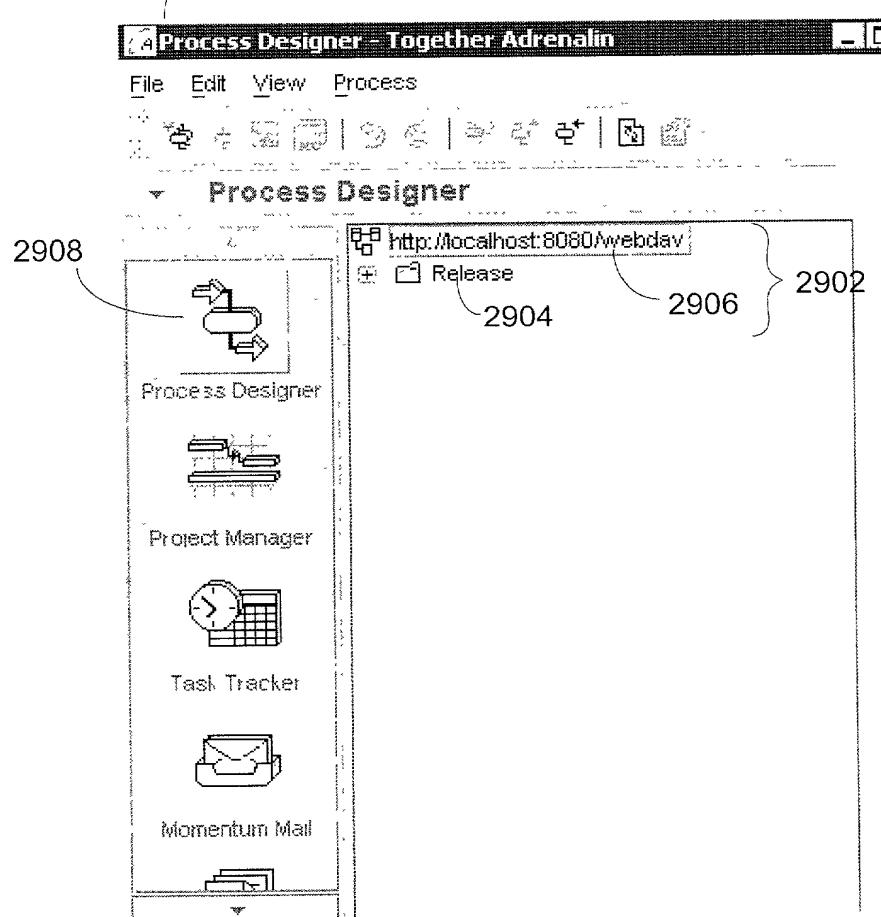
**FIG. 28B**



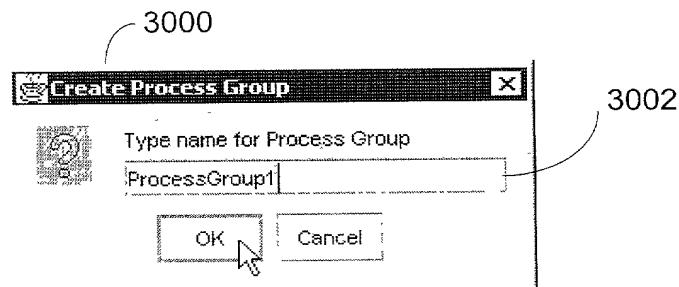
**FIG. 28C**



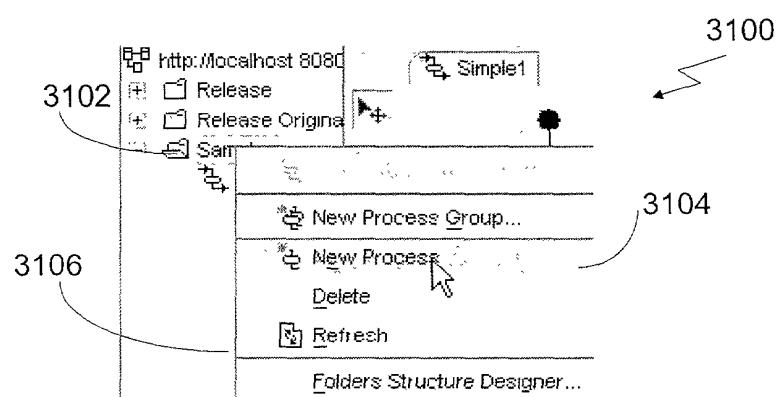
## FIG. 29



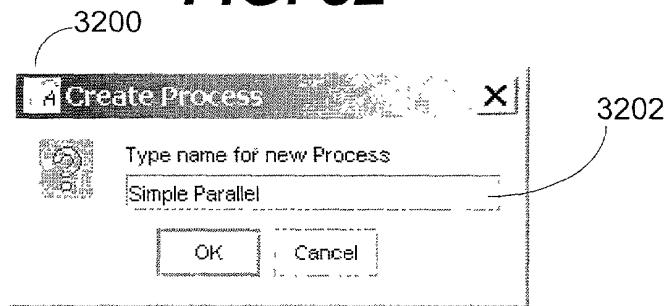
## FIG. 30



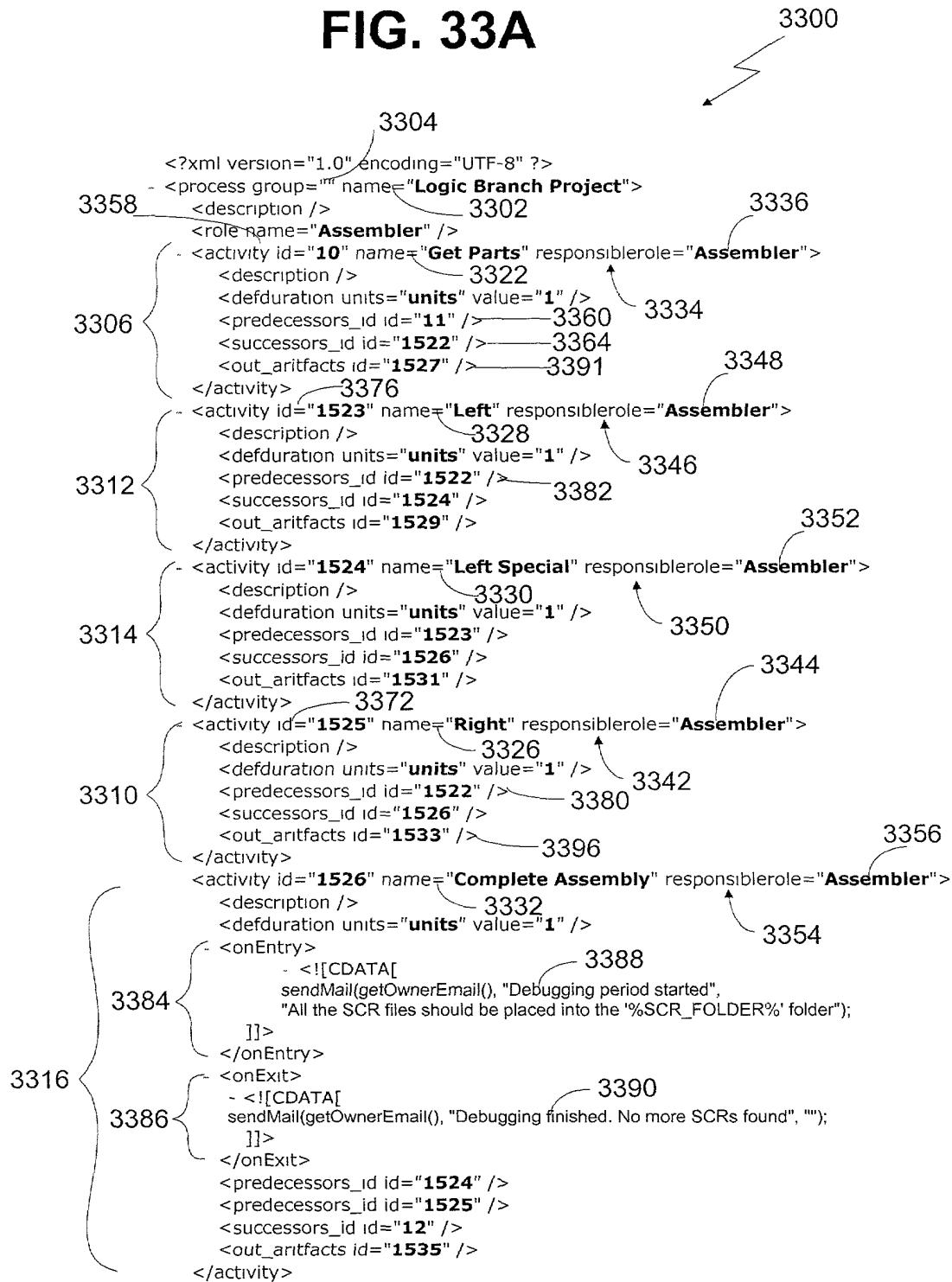
## FIG. 31



## FIG. 32



# FIG. 33A



## FIG. 33B

3394 {

- artifact id="1527" identity="linkable1" name="Document is INITIAL">

3392      3393

<description>**The condition becomes true when the %Document% artifact gets the INITIAL state. To make this condition valid you should define the %Document% parameter and optionally define the document template and the application to open the document.**</description>

<type>linkable</type>

<link link="%Document%" />

<state>**INITIAL**</state>

<event id="1528" />
- artifact id="1529" identity="linkable1" name="Document is LEFT">

3395

<description>**The condition becomes true when the %Document% artifact gets the LEFT state. To make this condition valid you should define the %Document% parameter and optionally define the document template and the application to open the document.**</description>

<type>linkable</type>

<link link="%Document%" />

<state>**LEFT**</state>

<event id="1530" />
- artifact id="1531" identity="linkable1" name="Document is LEFT SPECIAL">

<description>**The condition becomes true when the %Document% artifact gets the LEFT SPECIAL state. To make this condition valid you should define the %Document% parameter and optionally define the document template and the application to open the document.**</description>

<type>linkable</type>

<link link="%Document%" />

<state>**LEFT SPECIAL**</state>

<event id="1532" />
- artifact id="1533" identity="linkable1" name="Document is RIGHT">

3397      3398

<description>**The condition becomes true when the %Document% artifact gets the RIGHT state. To make this condition valid you should define the %Document% parameter and optionally define the document template and the application to open the document.**</description>

<type>linkable</type>

<link link="%Document%" />

<state>**RIGHT**</state>

<event id="1534" />
- artifact id="1535" identity="linkable1" name="Document is APPROVED">

3399

<description>**The condition becomes true when the %Document% artifact gets the APPROVED state. To make this condition valid you should define the %Document% parameter and optionally define the document template and the application to open the document.**</description>

<type>linkable</type>

<link link="%Document%" />

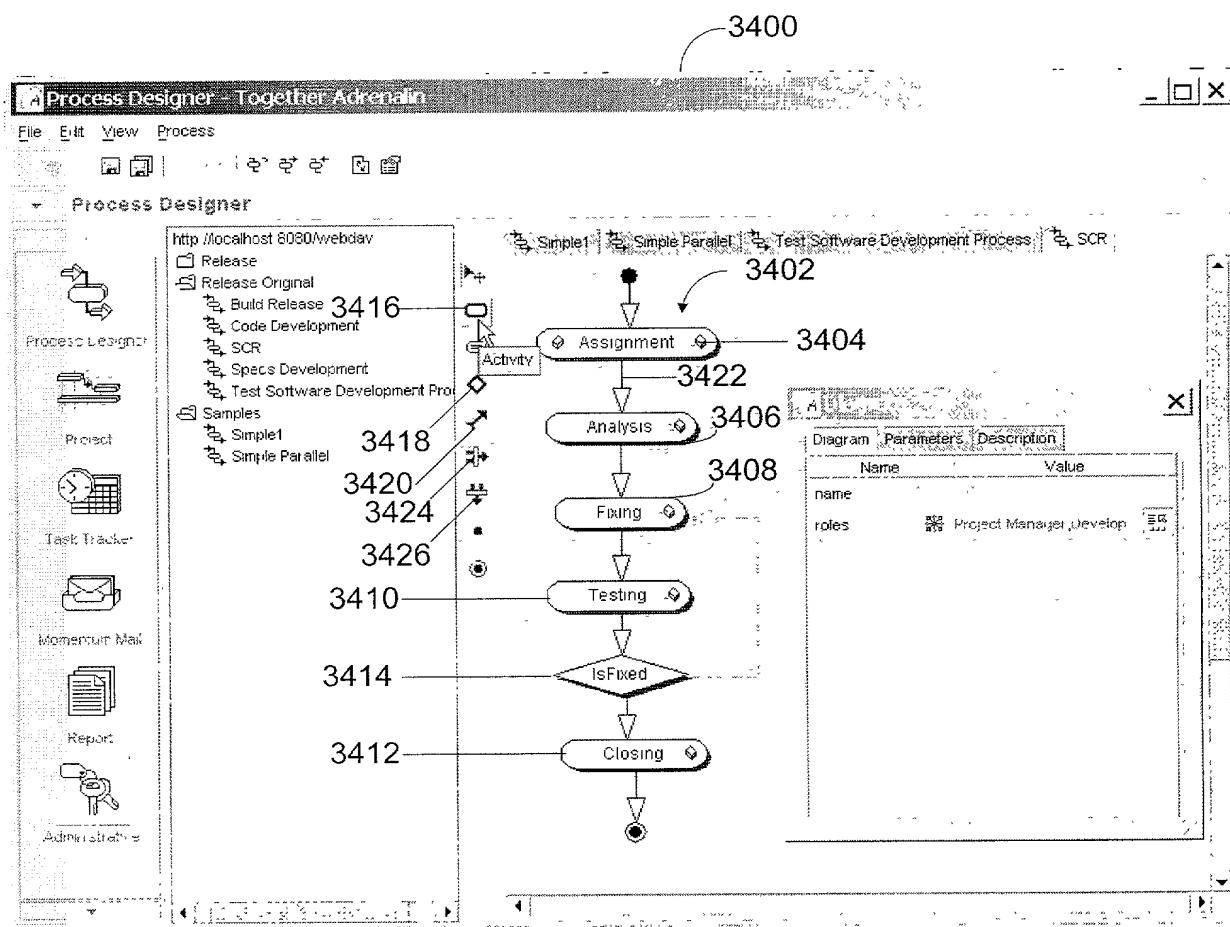
<state>**APPROVED**</state>

<event id="1536" />

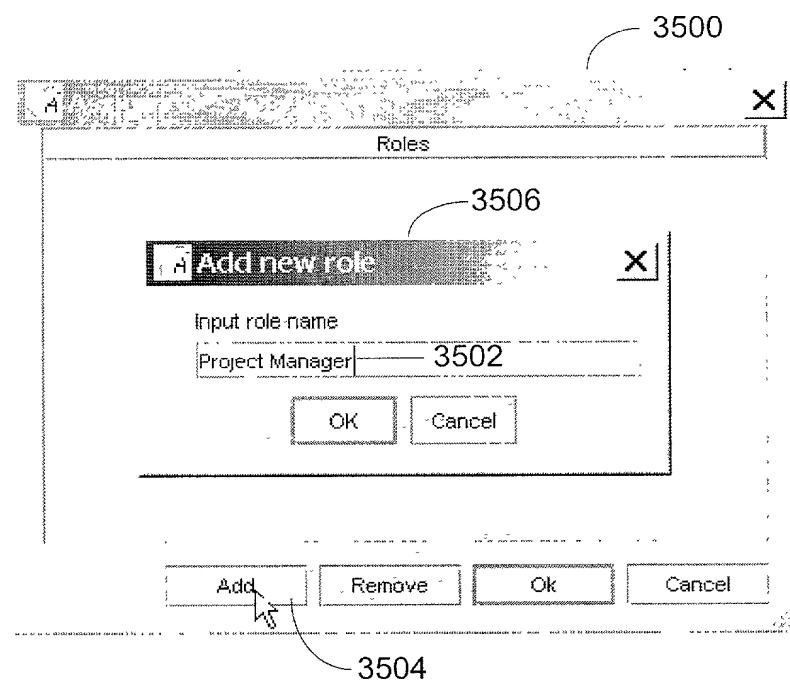
FIG. 33C

```
3366
- <logic id="1522" name="L or Rt Handed?" responsiblerole="Assemblér">
  <description /> 3324
  - <script>
    - <![CDATA[
      approved()
    ]]>
  </script>
  <predecessors_id id="10" /> 3368
  <other_path_id id="1525" /> 3370
  <other_path_id id="1523" /> 3374
  <defpath_id id="1525" /> 3378
</logic>
- <syncbar id="11"> 3362
  <description />
  <startBar>T</startBar>
  <successors_id id="10" />
</syncbar>
- <syncbar id="12">
  <description />
  <endBar>T</endBar>
  <predecessors_id id="1526" />
</syncbar>
- <event id="1528" name="??Event_name">
  <description>??Event_desc</description>
  <type>REQUEST-GUARD</type>
  <request>PROPPATCH</request>
</event>
- <event id="1530" name="??Event_name">
  <description>??Event_desc</description>
  <type>REQUEST-GUARD</type>
  <request>PROPPATCH</request>
</event>
- <event id="1532" name="??Event_name">
  <description>??Event_desc</description>
  <type>REQUEST-GUARD</type>
  <request>PROPPATCH</request>
</event>
- <event id="1534" name="??Event_name">
  <description>??Event_desc</description>
  <type>REQUEST-GUARD</type>
  <request>PROPPATCH</request>
</event>
<event id="1536" name="??Event_name">
  <description>??Event_desc</description>
  <type>REQUEST-GUARD</type>
  <request>PROPPATCH</request>
</event>
</process>
```

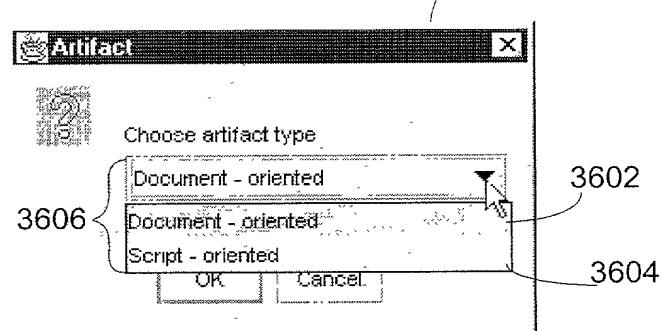
# FIG. 34



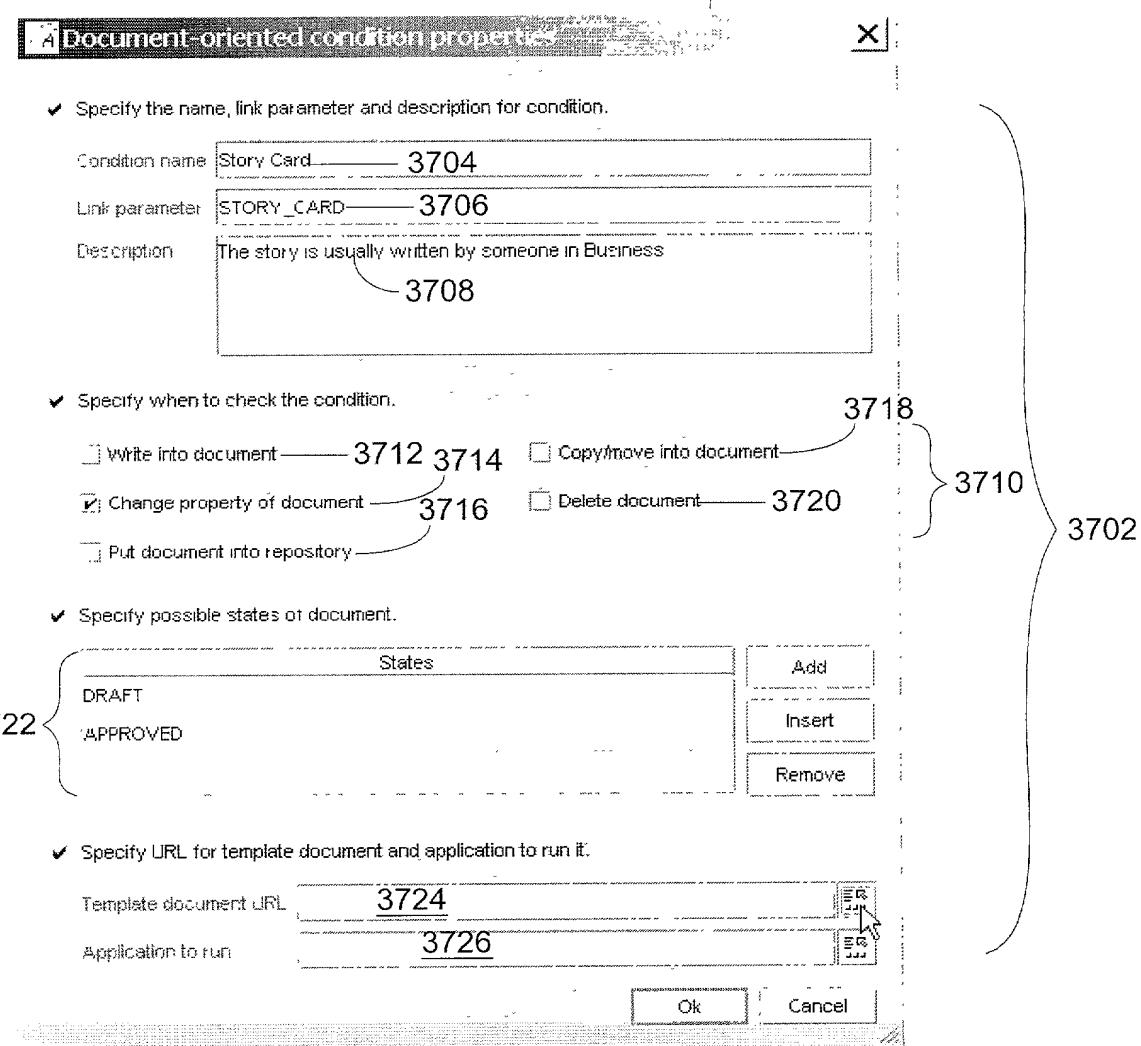
**FIG. 35**



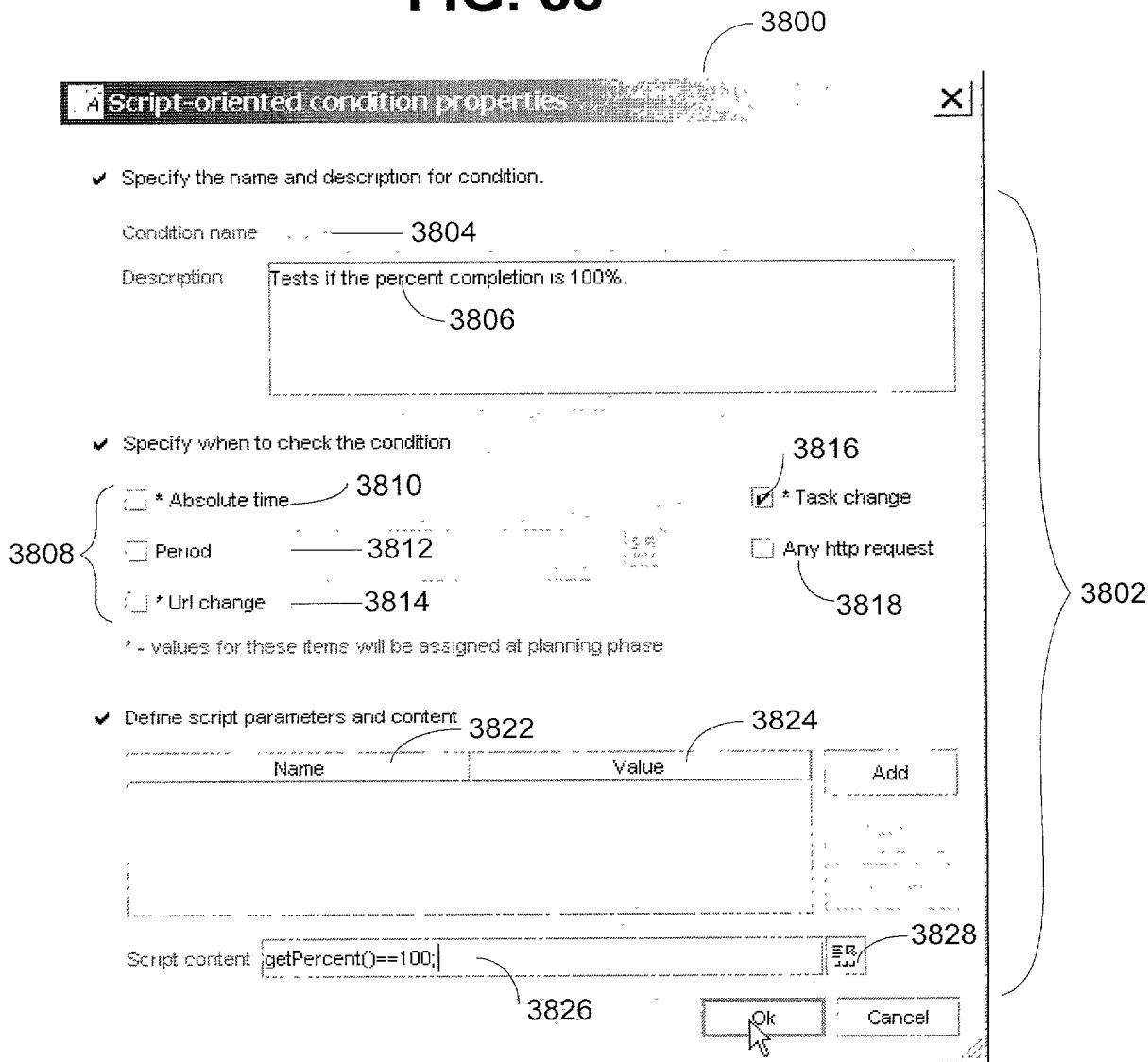
# FIG. 36



# FIG. 37

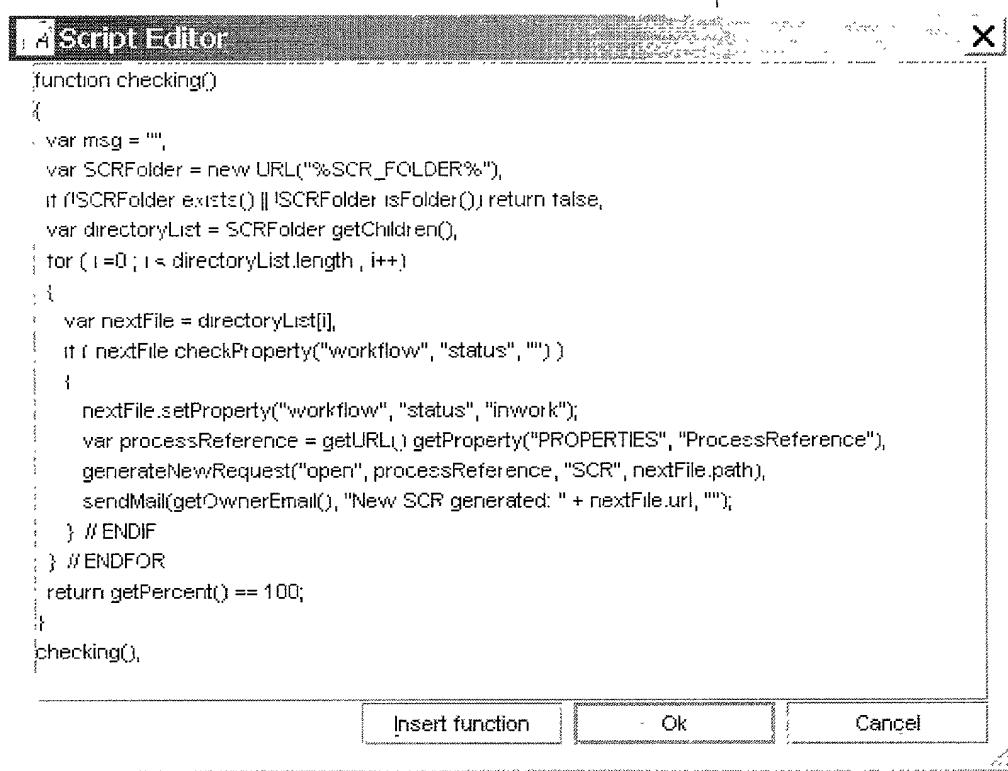


# FIG. 38



# FIG. 39

3900



TOTAL TEST CASES 0

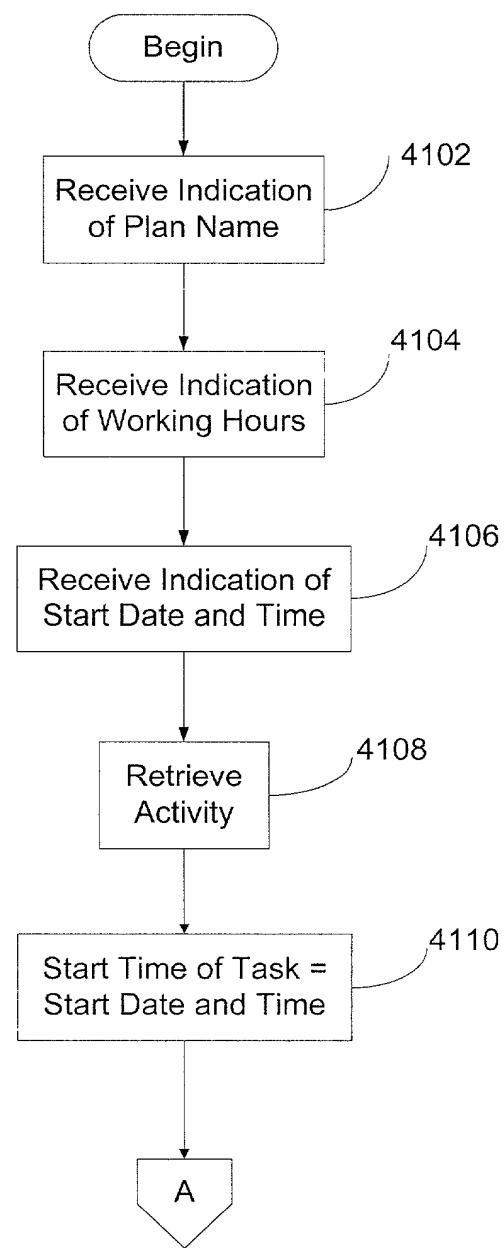
# FIG. 40

4000

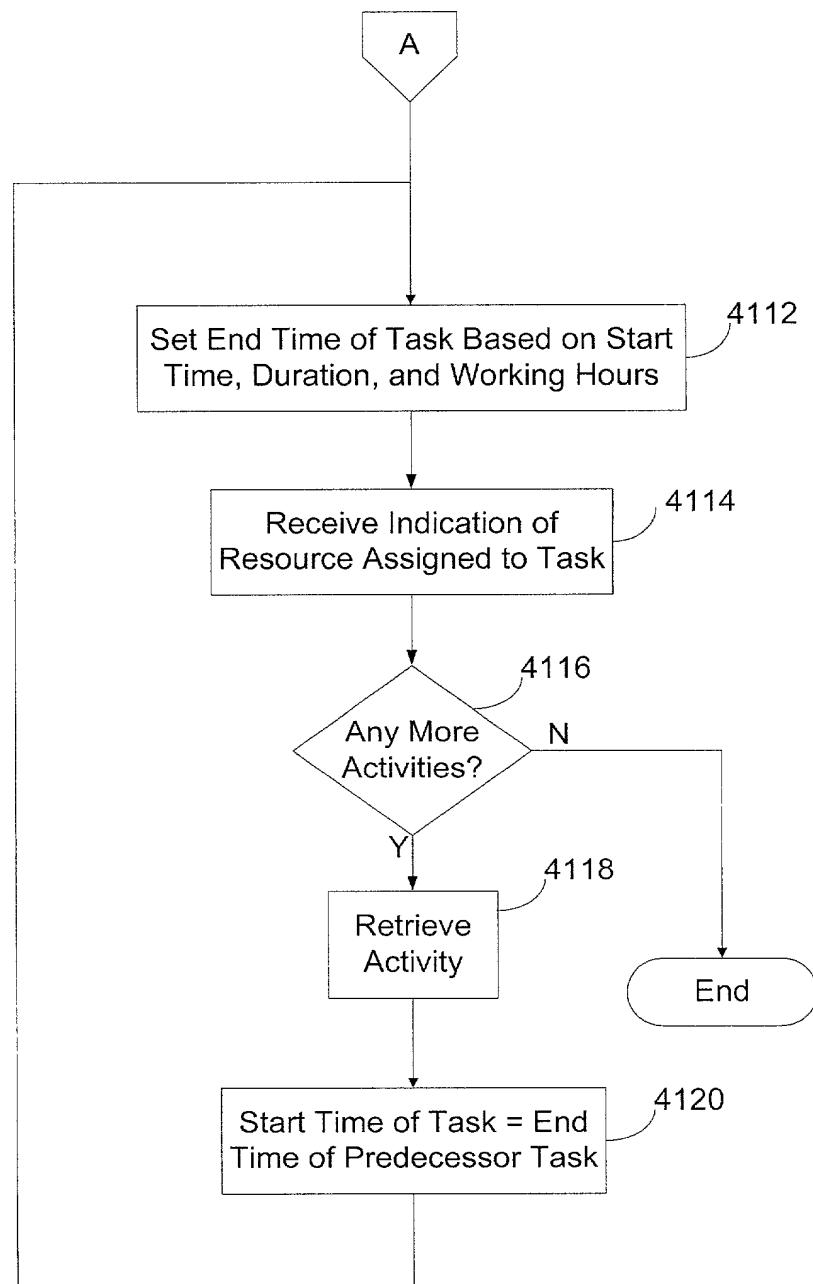
Properties		Parameters	Conditions	Description
Name	Value			
name	Specs Development			4002
duration	1			4004
duration to met	units			4006
responsible role	Project Manager			4008
onEntry script				4010
onExit script	sendMail(getOwnerEmail(), getProject			
subprocess URL	ocessGroup1/Specs_Development.xml			

4012

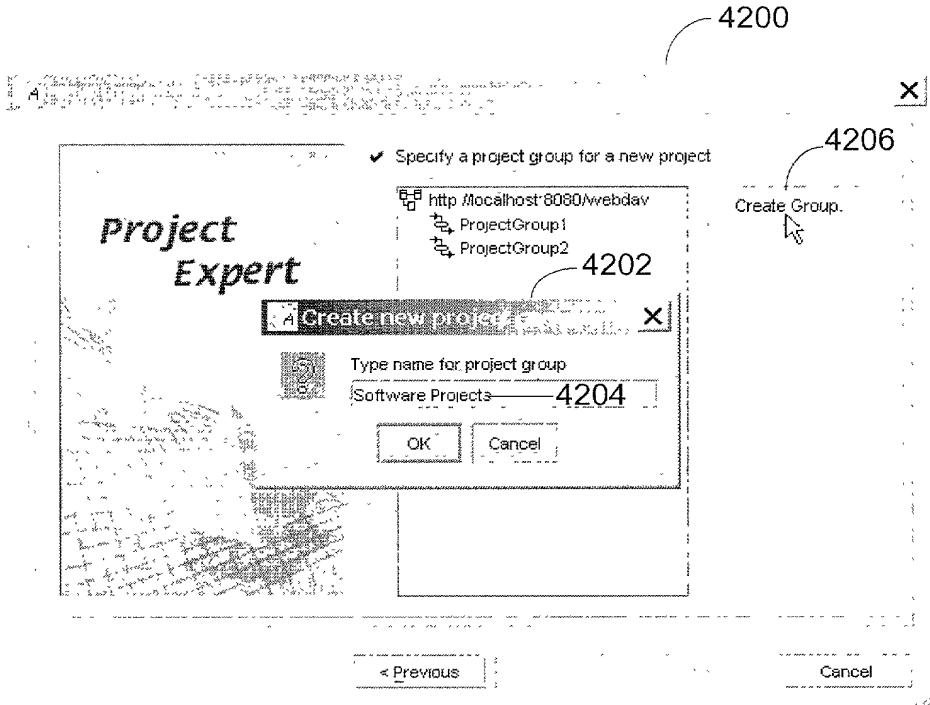
**FIG. 41A**



**FIG. 41B**



## FIG. 42

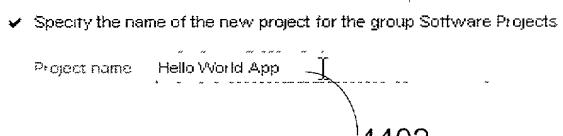


Open file - Open recent files

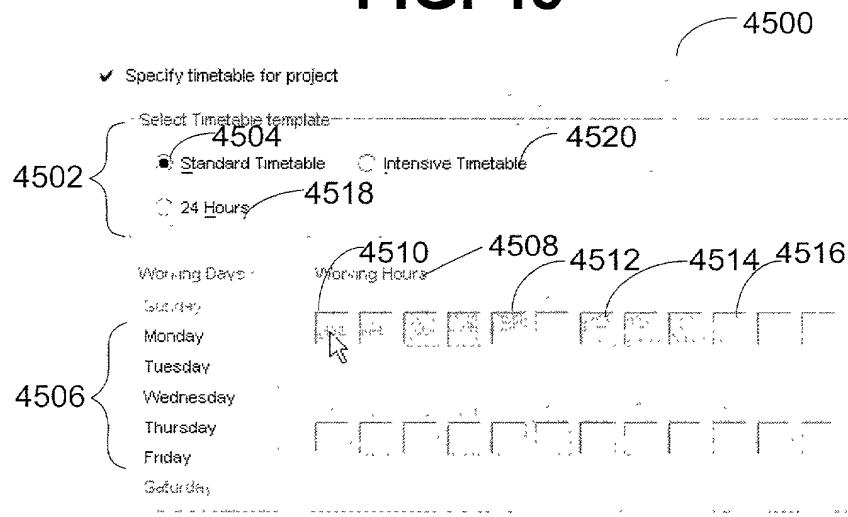
## FIG. 43



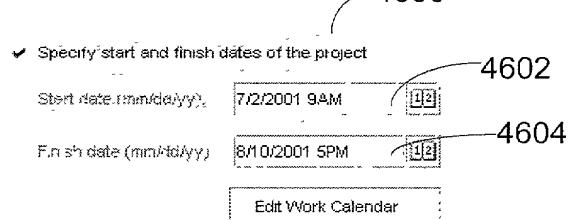
## FIG. 44



## FIG. 45



## FIG. 46



**FIG. 47**

4700

```

<?xml version="1.0" encoding="UTF-8" ?>
<process group="" name="Serial & Parallel">
  <description />
  <role name="Worker" />
  <activity id="10" name="Serial 1" responsibleRole="Worker">
    <description />
    <defduration units="hours" value="9" />—— 4704
    <predecessors_id id="11" />
    <successors_id id="1522" />
  </activity>
  <activity id="1523" name="Parallel 1" responsibleRole="Worker">
    <description />
    <defduration units="hours" value="24" />—— 4710
    <predecessors_id id="1522" />
    <successors_id id="1525" />
  </activity>
  <activity id="1524" name="Parallel 2" responsibleRole="Worker">
    <description />
    <defduration units="hours" value="24" />—— 4712
    <predecessors_id id="1522" />
    <successors_id id="1525" />
  </activity>
  <activity id="1526" name="Serial 2" responsibleRole="Worker">
    <description />
    <defduration units="hours" value="24" />—— 4716
    <predecessors_id id="1525" />
    <successors_id id="12" />
  </activity>
  <syncbar id="11">
    <description />
    <startBar>T</startBar>
    <successors_id id="10" />
  </syncbar>
  <syncbar id="12">
    <description />
    <endBar>T</endBar>
    <predecessors_id id="1526" />
  </syncbar>
  <syncbar id="1522" name="SyncBarH1">
    <description />
    <predecessors_id id="10" />
    <successors_id id="1523" />
    <successors_id id="1524" />
  </syncbar>
  <syncbar id="1525" name="SyncBarH2">
    <description />
    <predecessors_id id="1523" />
    <predecessors_id id="1524" />
    <successors_id id="1526" />
  </syncbar>
</process>

```

# FIG. 48

4800

```

<?xml version="1.0" encoding="UTF-8" ?>
<A:plan name="Serial_And_Parallel" userid="JK" xmlns:A="workflow">
    - <A:description>
        - <![CDATA[
            No Description
        ]]>
    </A:description>
    - <A:task activityID="10" caption="Serial 1"
        link="Sample_Project_Plans/Serial_And_Parallel/Task_2.xml" name="Task_2"
        owner="Worker"
        processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
        type="general" userid="JK">
        <A:start>2001 8 1 9</A:start> 4804
        <A:finish>2001 8 1 18</A:finish> 4806
        <A:supertask name="Task_1" />
        <A:user>JK</A:user>
        <A:successor name="Task_3" />
        <A:successor name="Task_4" />
    </A:task>
    - <A:task activityID="1523" caption="Parallel 1"
        link="Sample_Project_Plans/Serial_And_Parallel/Task_3.xml" name="Task_3"
        owner="Worker"
        processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
        type="general" userid="JK">
        <A:start>2001 8 1 18</A:start> 4812
        <A:finish>2001 8 2 18</A:finish> 4816
        <A:supertask name="Task_1" />
        <A:user>JK</A:user>
        <A:predecessor name="Task_2" />
        <A:successor name="Task_5" />
    </A:task>
    - <A:task activityID="1524" caption="Parallel 2"
        link="Sample_Project_Plans/Serial_And_Parallel/Task_4.xml" name="Task_4"
        owner="Worker"
        processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
        type="general" userid="JK">
        <A:start>2001 8 1 18</A:start> 4814
        <A:finish>2001 8 2 18</A:finish> 4818
        <A:supertask name="Task_1" />
        <A:user>JK</A:user>
        <A:predecessor name="Task_2" />
        <A:successor name="Task_5" />
    </A:task>
    - <A:task activityID="1526" caption="Serial 2"
        link="Sample_Project_Plans/Serial_And_Parallel/Task_5.xml" name="Task_5"
        owner="Worker"
        processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
        type="general" userid="JK">
        <A:start>2001 8 2 18</A:start> 4822
        <A:finish>2001 8 3 18</A:finish> 4824
        <A:supertask name="Task_1" />
        <A:user>JK</A:user>
        <A:predecessor name="Task_3" />
        <A:predecessor name="Task_4" />
    </A:task>
    - <A:task activityID="NONE" caption="Serial And Parallel"
        link="Sample_Project_Plans/Serial_And_Parallel/Task_1.xml" name="Task_1"
        processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
        type="general" userid="JK">
        <A:start>2001 8 1 8</A:start>
        <A:finish>2001 8 3 18</A:finish>
        <A:user>JK</A:user>
        <A:subtask name="Task_2" />
    </A:task>

```

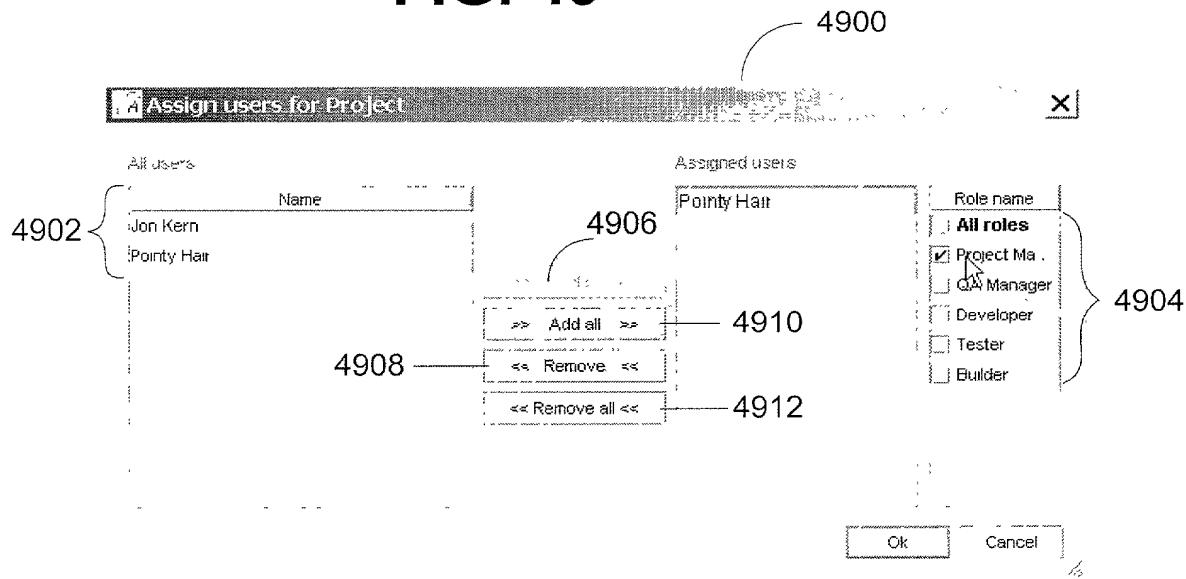
4802 {

4808 {

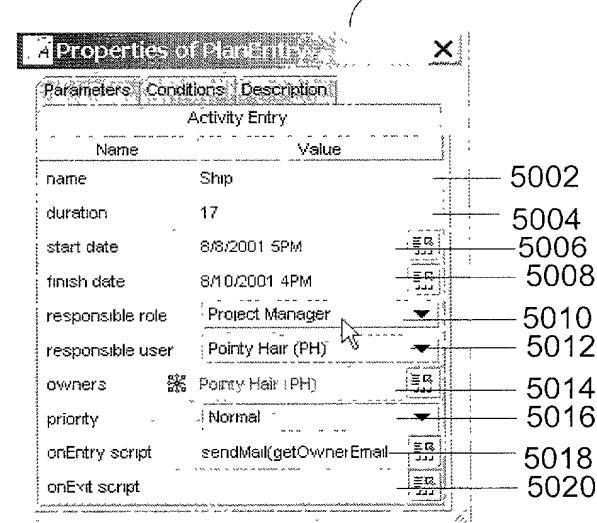
4810 {

4820 {

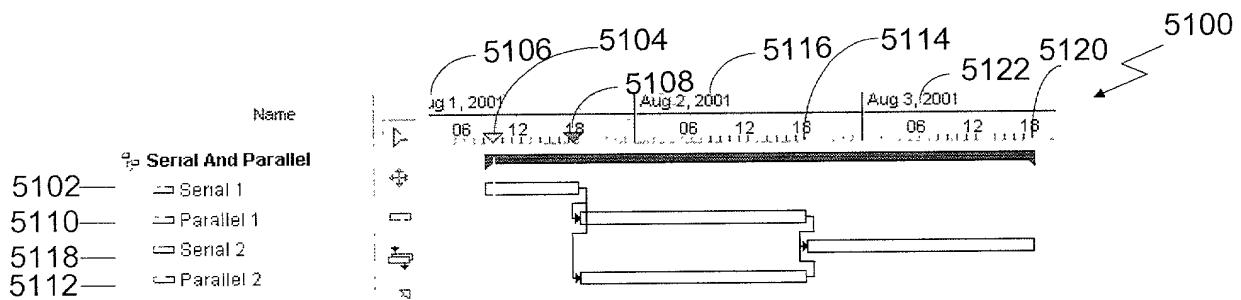
# FIG. 49



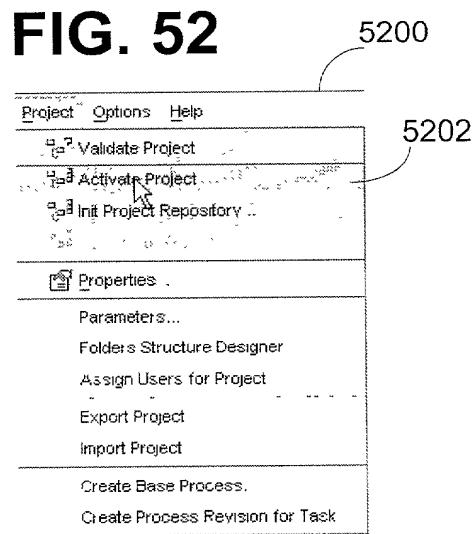
# FIG. 50



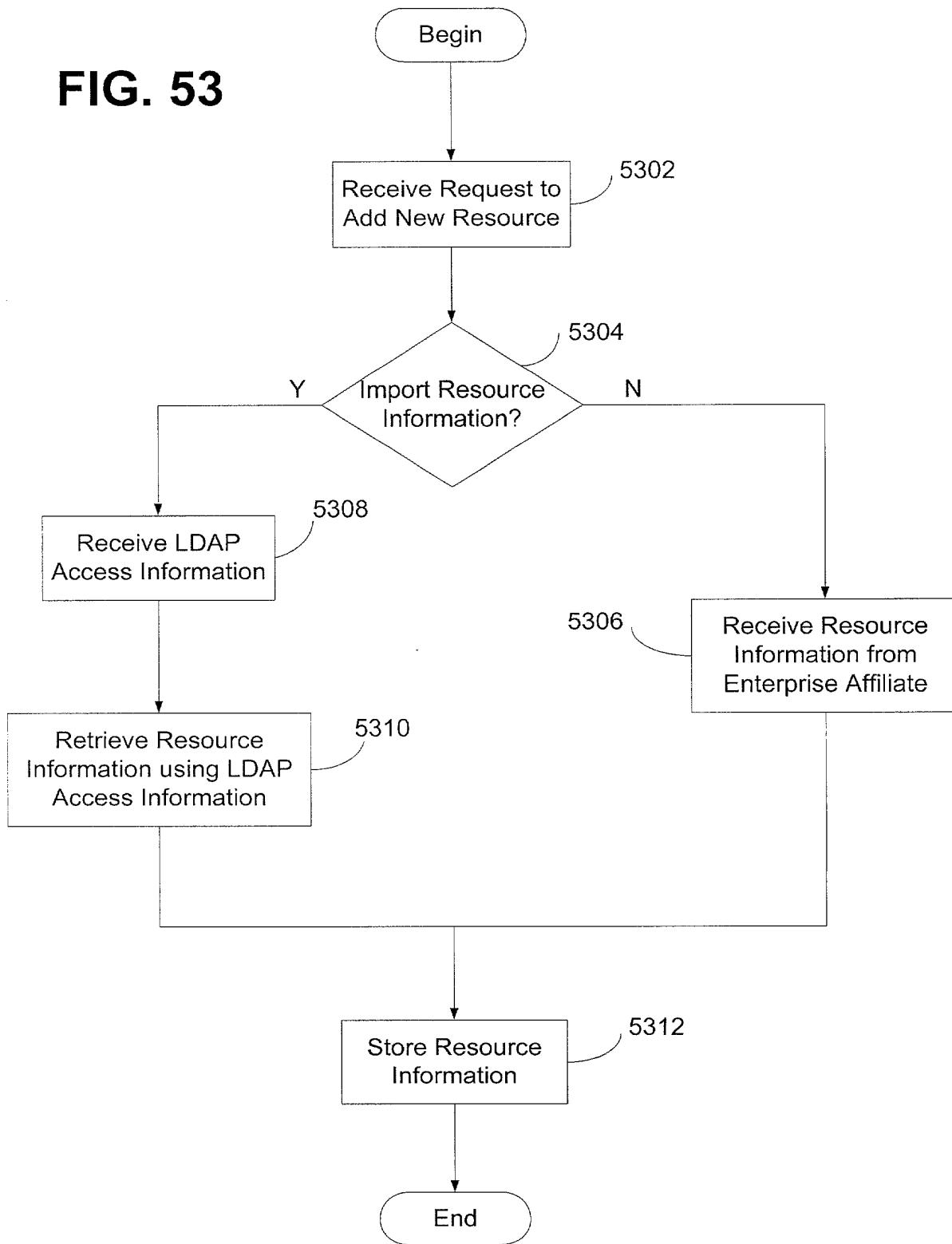
# FIG. 51



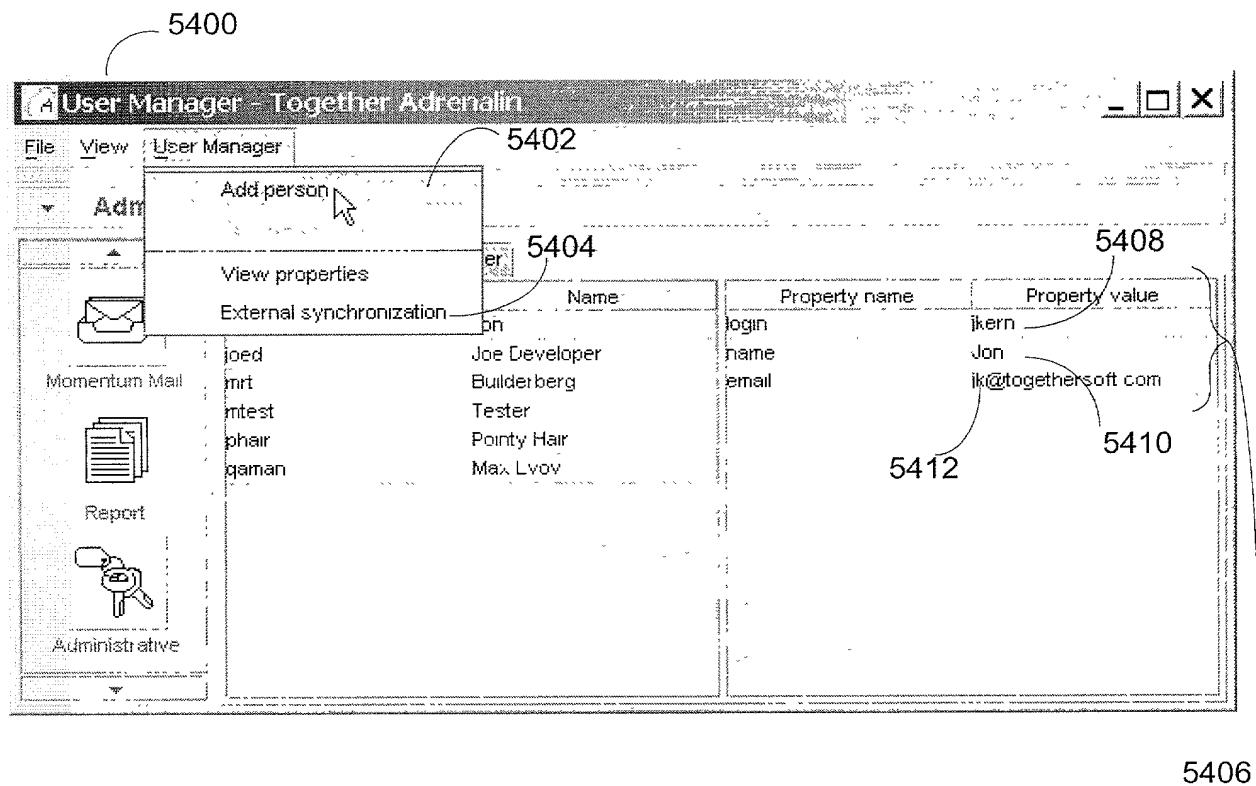
# FIG. 52



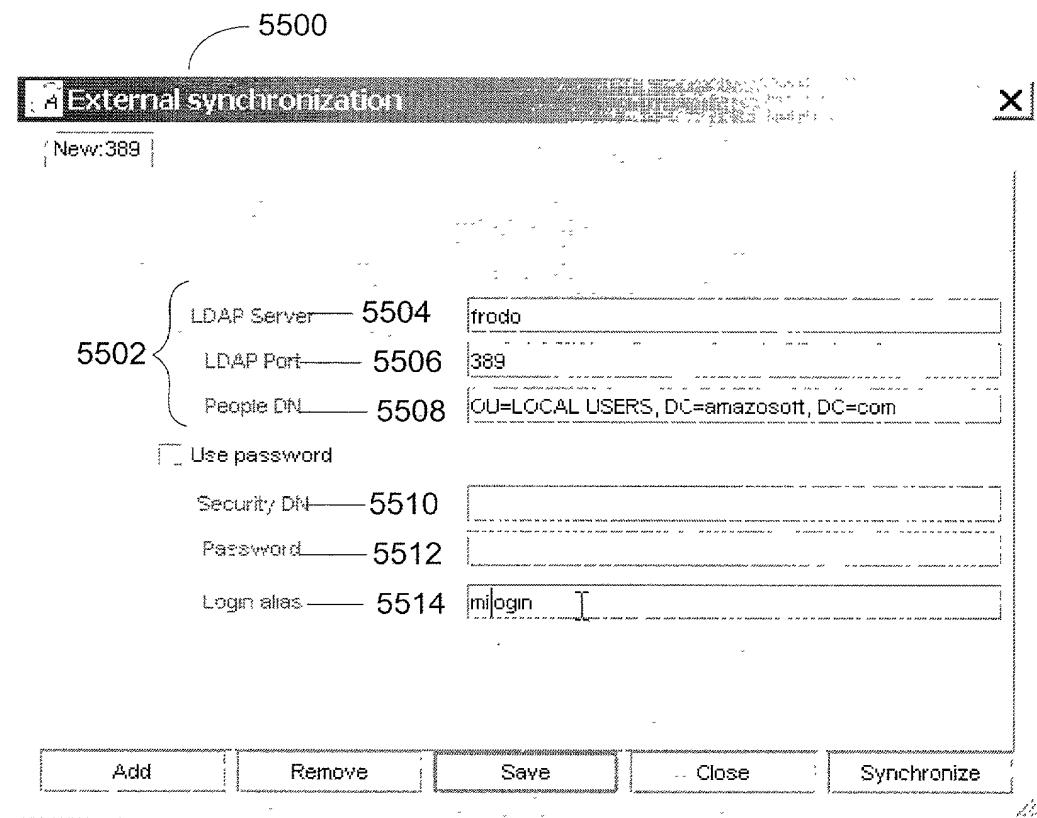
**FIG. 53**



# FIG. 54



# FIG. 55



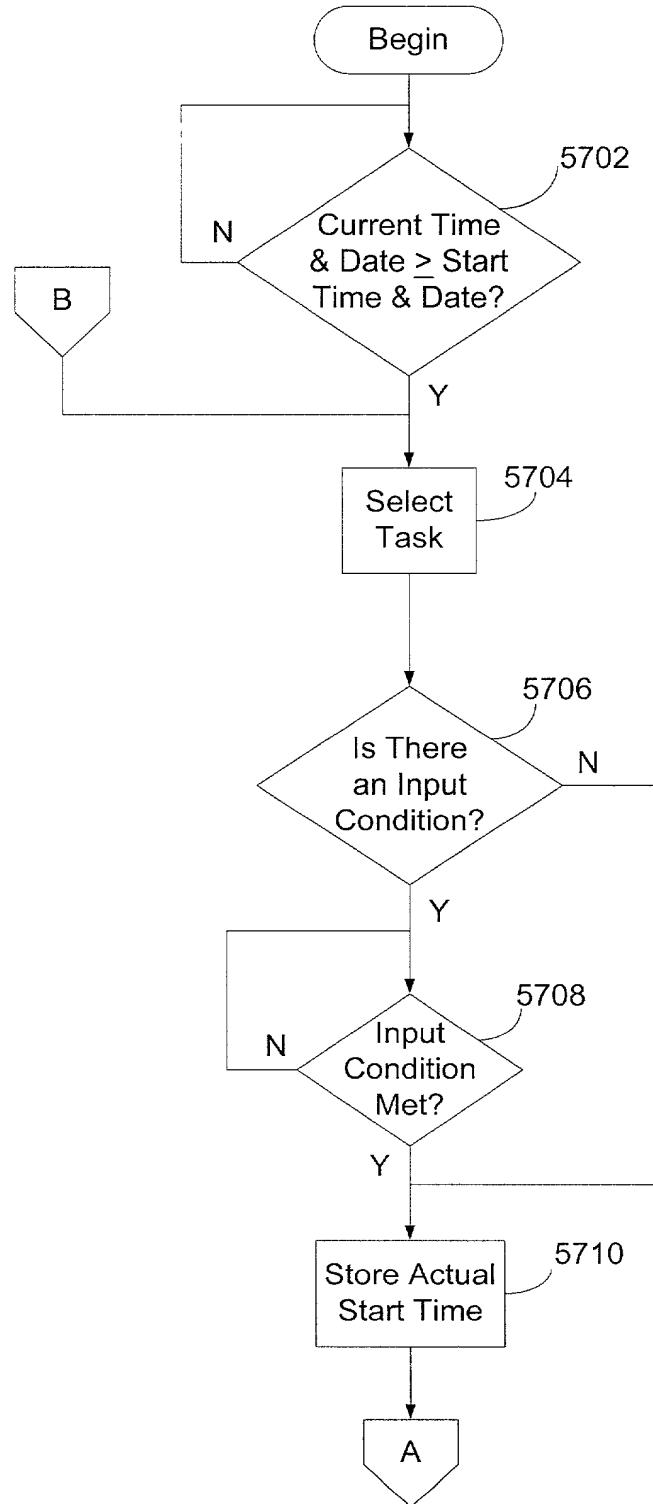
# FIG. 56

5600  
↗

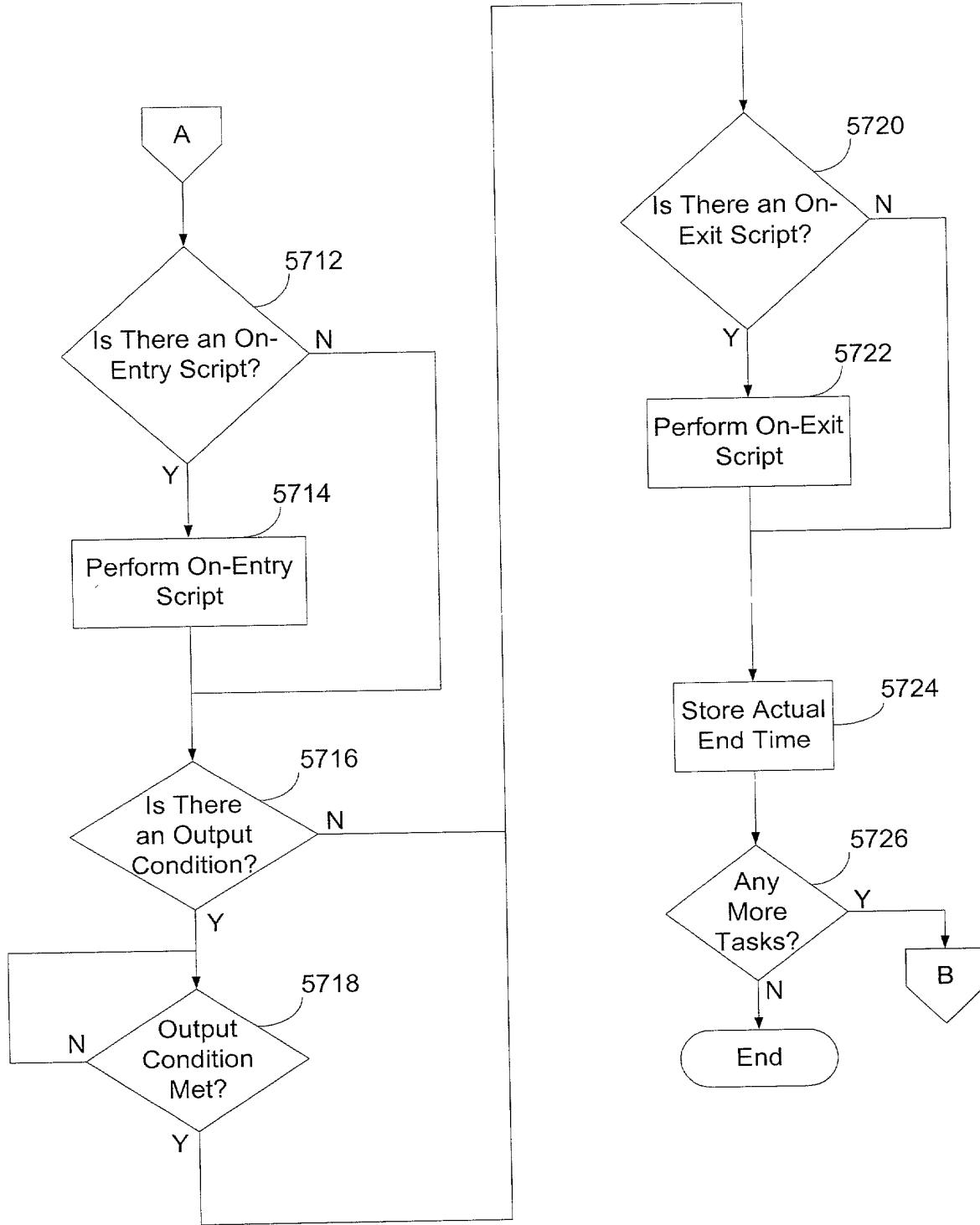
```
<?xml version="1.0" encoding="UTF-8" ?>
<users>
  <user>
    <id>PH</id>
    <name>Pointy Hair</name>
    <email>ph@company.com</email>
    <password>ZGV364==</password>
    url= "Software_Projects/Hello-World_App/Users_1.xml"
  </user>
  <user>
    <id>MQ</id>
    <name>Mister Quality</name>
    <email>mq@company.com</email>
    <password>ZGV636==</password>
    url= "Software_Projects/Hello-World_App/Users_1.xml"
  </user>
  <user>
    <id>MB</id>
    <name>Mister Build</name>
    <email>mb@company.com</email>
    <password>ZGV835==</password>
    url= "Software_Projects/Hello-World_App/Users_1.xml"
  </user>
  <user>
    <id>MT</id>
    <name>Mister Tee</name>
    <email>mt@company.com</email>
    <password>ZGV470==</password>
    url= "Software_Projects/Hello-World_App/Users_1.xml"
  </user>
</users>
```

5602 {  
5604 {  
5606 {  
5608 {  
5610 ↗  
5612 ↗

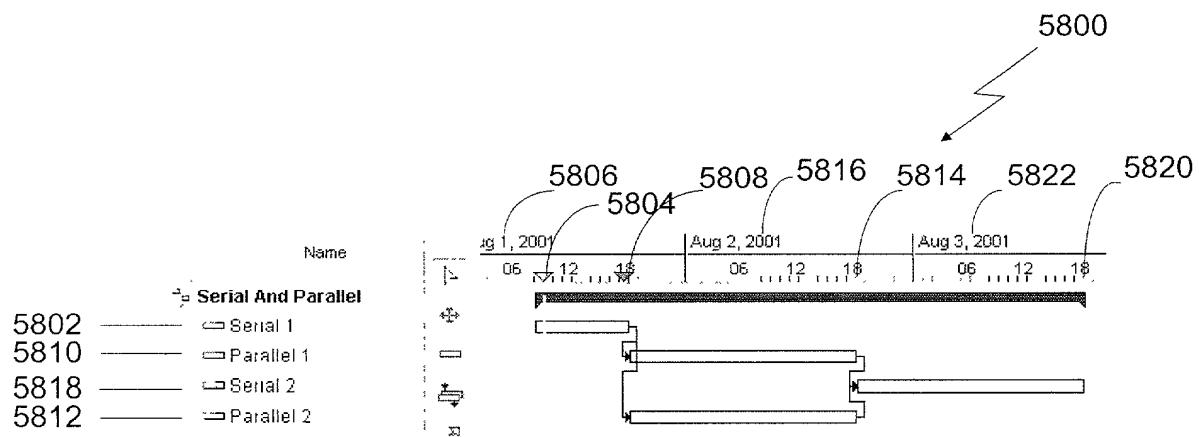
**FIG. 57A**



# FIG. 57B



# FIG. 58



# FIG. 59

5900

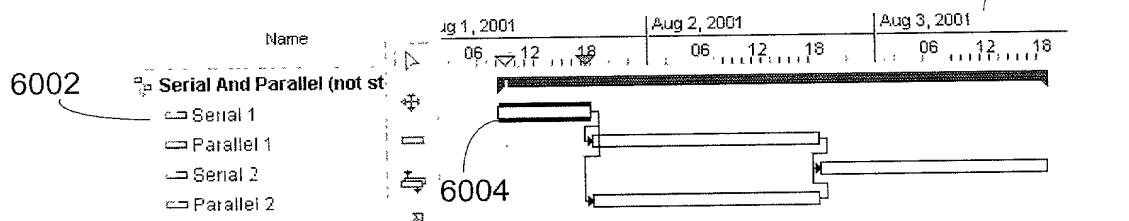


```

<?xml version="1.0" encoding="UTF-8" ?>
- <A:plan name="Serial_And_Parallel" userid="JK" xmlns:A="workflow">
    - <A:description>
        - <![CDATA[
            No Description
        ]]>
    </A:description>
    - <A:task activityID="10" caption="Serial 1">
        link="Sample_Project_Plans/Serial_And_Parallel/Task_2.xml" name="Task_2"
        owner="Worker"
        processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
        type="general" userid="JK"
        <A:start>2001 8 1 8</A:start>
        <A:finish>2001 8 1 18</A:finish>
        <A:supertask name="Task_1" />
        <A:user>JK</A:user>
        <A:successor name="Task_3" />
        <A:successor name="Task_4" />
    </A:task>
    - <A:task activityID="1523" caption="Parallel 1">
        link="Sample_Project_Plans/Serial_And_Parallel/Task_3.xml" name="Task_3"
        owner="Worker"
        processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
        type="general" userid="JK"
        <A:start>2001 8 1 18</A:start>
        <A:finish>2001 8 2 18</A:finish>
        <A:supertask name="Task_1" />
        <A:user>JK</A:user>
        <A:predecessor name="Task_2" />
        <A:successor name="Task_5" />
    </A:task>
    - <A:task activityID="1524" caption="Parallel 2">
        link="Sample_Project_Plans/Serial_And_Parallel/Task_4.xml" name="Task_4"
        owner="Worker"
        processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
        type="general" userid="JK"
        <A:start>2001 8 1 18</A:start>
        <A:finish>2001 8 2 18</A:finish>
        <A:supertask name="Task_1" />
        <A:user>JK</A:user>
        <A:predecessor name="Task_2" />
        <A:successor name="Task_5" />
    </A:task>
    - <A:task activityID="1526" caption="Serial 2">
        link="Sample_Project_Plans/Serial_And_Parallel/Task_5.xml" name="Task_5"
        owner="Worker"
        processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
        type="general" userid="JK"
        <A:start>2001 8 2 18</A:start>
        <A:finish>2001 8 3 18</A:finish>
        <A:supertask name="Task_1" />
        <A:user>JK</A:user>
        <A:predecessor name="Task_3" />
        <A:predecessor name="Task_4" />
    </A:task>
    - <A:task activityID="NONE" caption="Serial And Parallel">
        link="Sample_Project_Plans/Serial_And_Parallel/Task_1.xml" name="Task_1"
        processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
        type="general" userid="JK"
        <A:start>2001 8 1 8</A:start>
        <A:finish>2001 8 3 18</A:finish>
        <A:user>JK</A:user>
        <A:subtask name="Task_2" />
    </A:task>

```

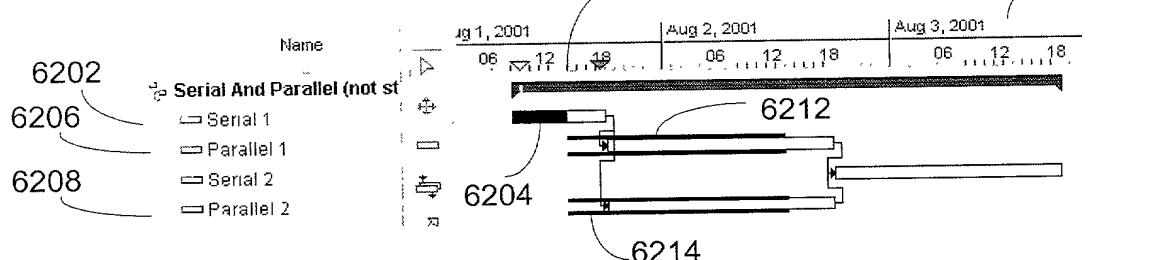
## FIG. 60



## FIG. 61

```
<?xml version="1.0" encoding="UTF-8" ?>
- <A:FilePropertyMap xmlns:A="adrenalin:">
  <A:factstart xmlns:A="workflow">2001 8 1 9</A:factstart>
  <A:factfinish xmlns:A="workflow">2001 8 1 14</A:factfinish>
  <A:ProjectTask xmlns:A="Serial 1" />
</A:FilePropertyMap>
```

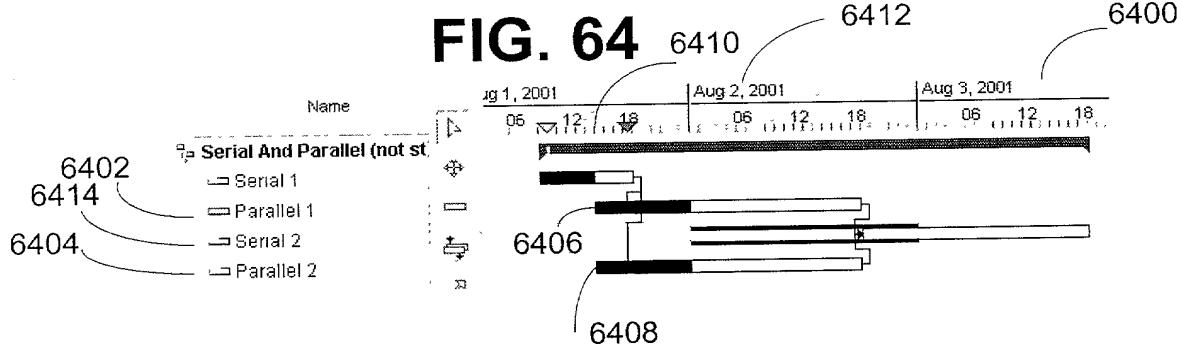
## FIG. 62



## FIG. 63

```
<?xml version="1.0" encoding="UTF-8" ?>
- <A:FilePropertyMap xmlns:A="adrenalin:">
  <A:factstart xmlns:A="workflow">2001 8 1 14</A:factstart>
  <A:factfinish xmlns:A="workflow">2001 8 2 0</A:factfinish>
  <A:ProjectTask xmlns:A="Parallel 1" />
  <A:ProjectTask xmlns:A="Parallel 2" />
</A:FilePropertyMap>
```

## FIG. 64



## FIG. 65

```
<?xml version="1.0" encoding="UTF-8" ?>
- <A:FilePropertyMap xmlns:A="adrenalin:">
  <A:factstart xmlns:A="workflow">2001 8 2 0</A:factstart>
  <A:factfinish xmlns:A="workflow">2001 8 2 12</A:factfinish>
  <A:ProjectTask xmlns:A="Serial 2" />
</A:FilePropertyMap>
```

6500  
6504  
6506  
6502

## FIG. 66

Name

- 6602
- 6606
- 6614
- 6610

Serial And Parallel

- Serial 1
- Parallel 1
- Serial 2
- Parallel 2

